

FIG.2

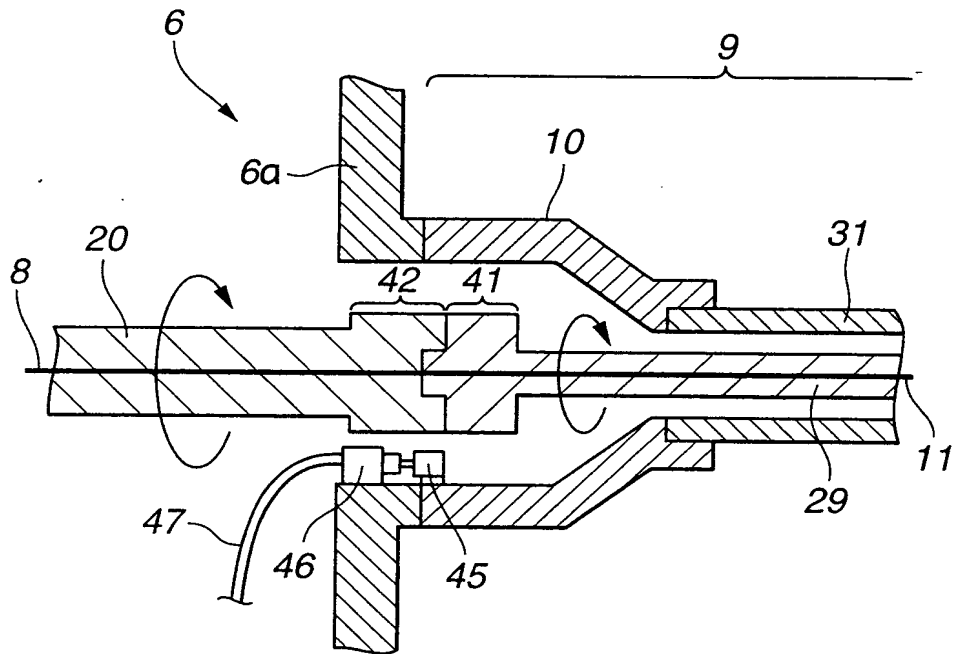


FIG.3

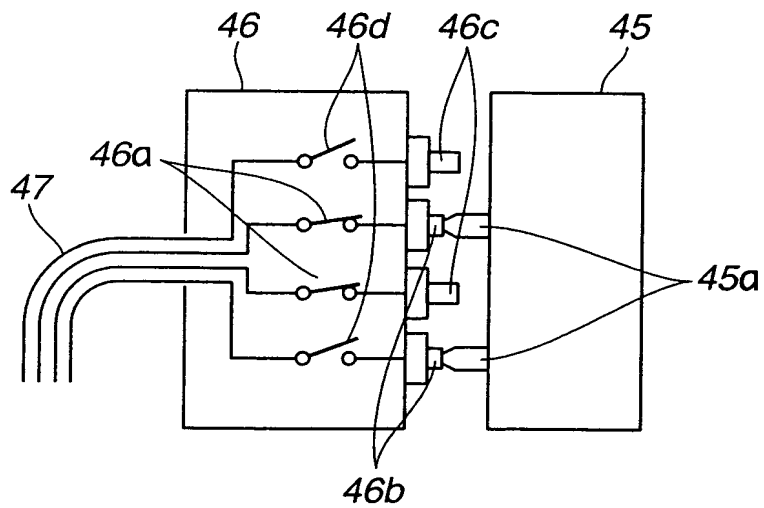


FIG.4

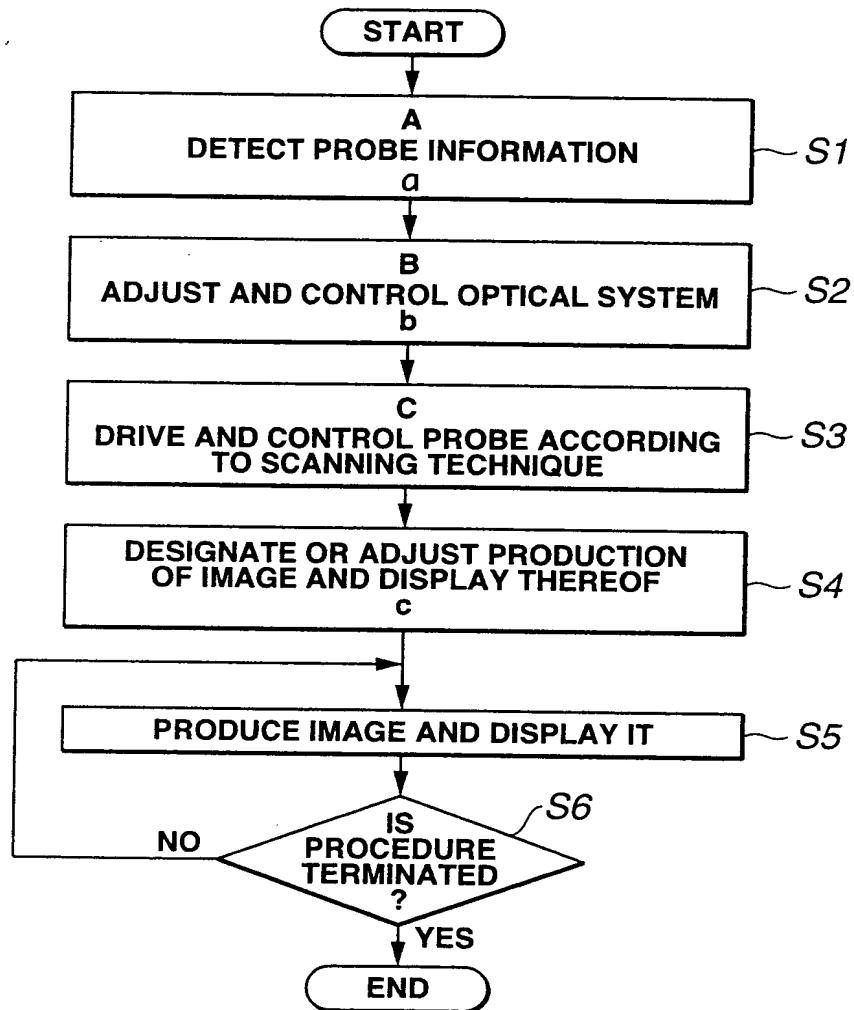


FIG.5

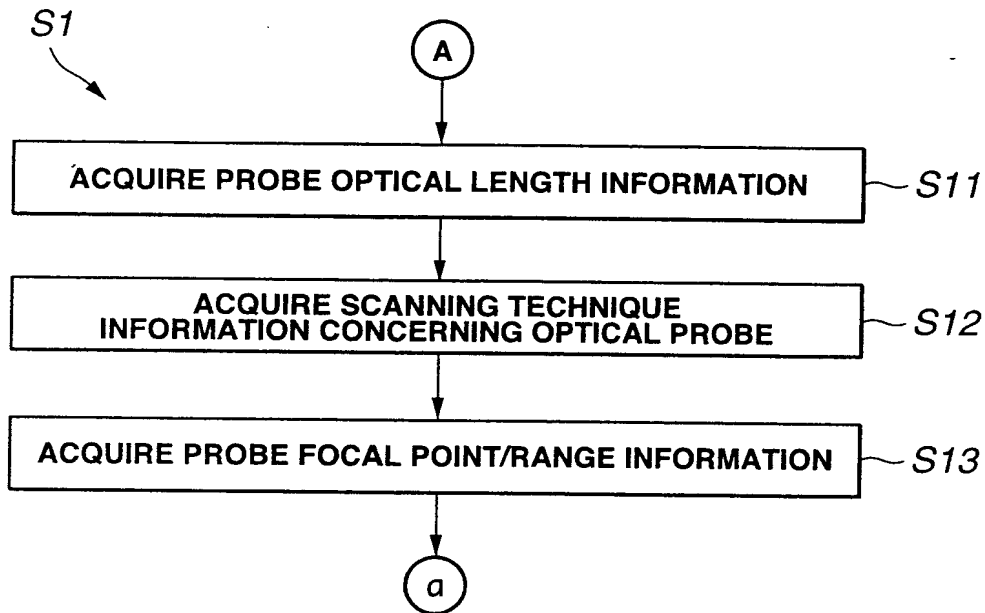


FIG.6

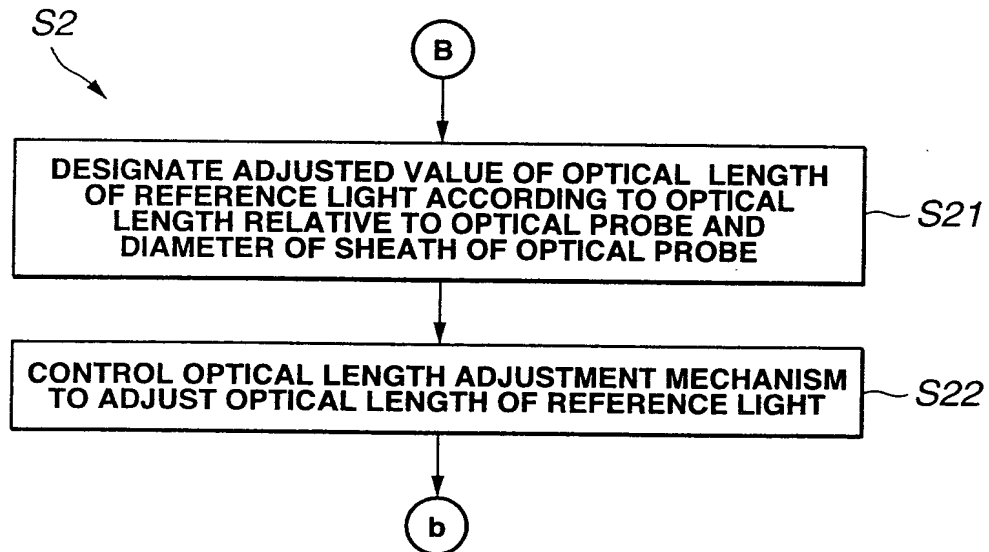


FIG.7

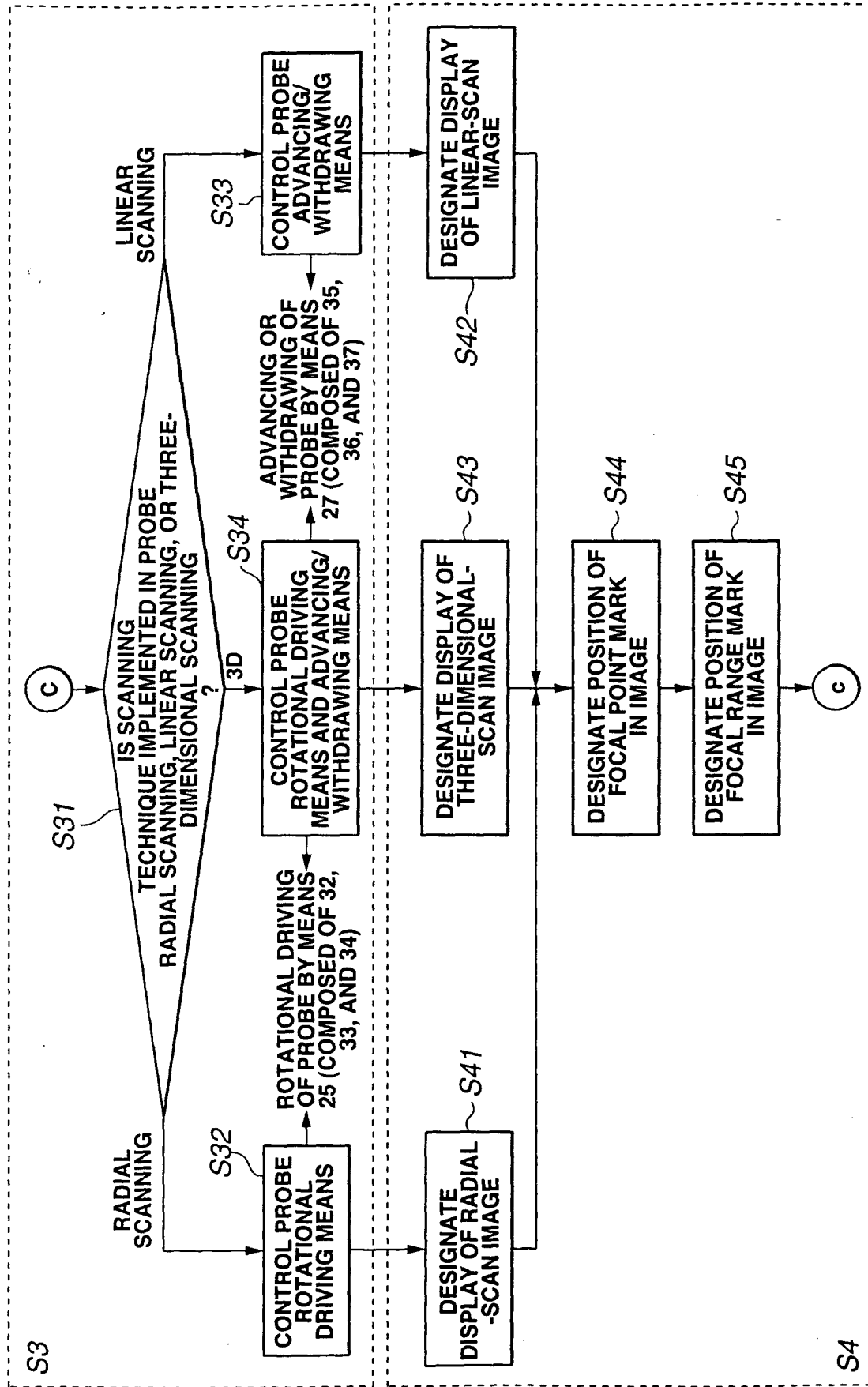


FIG.8

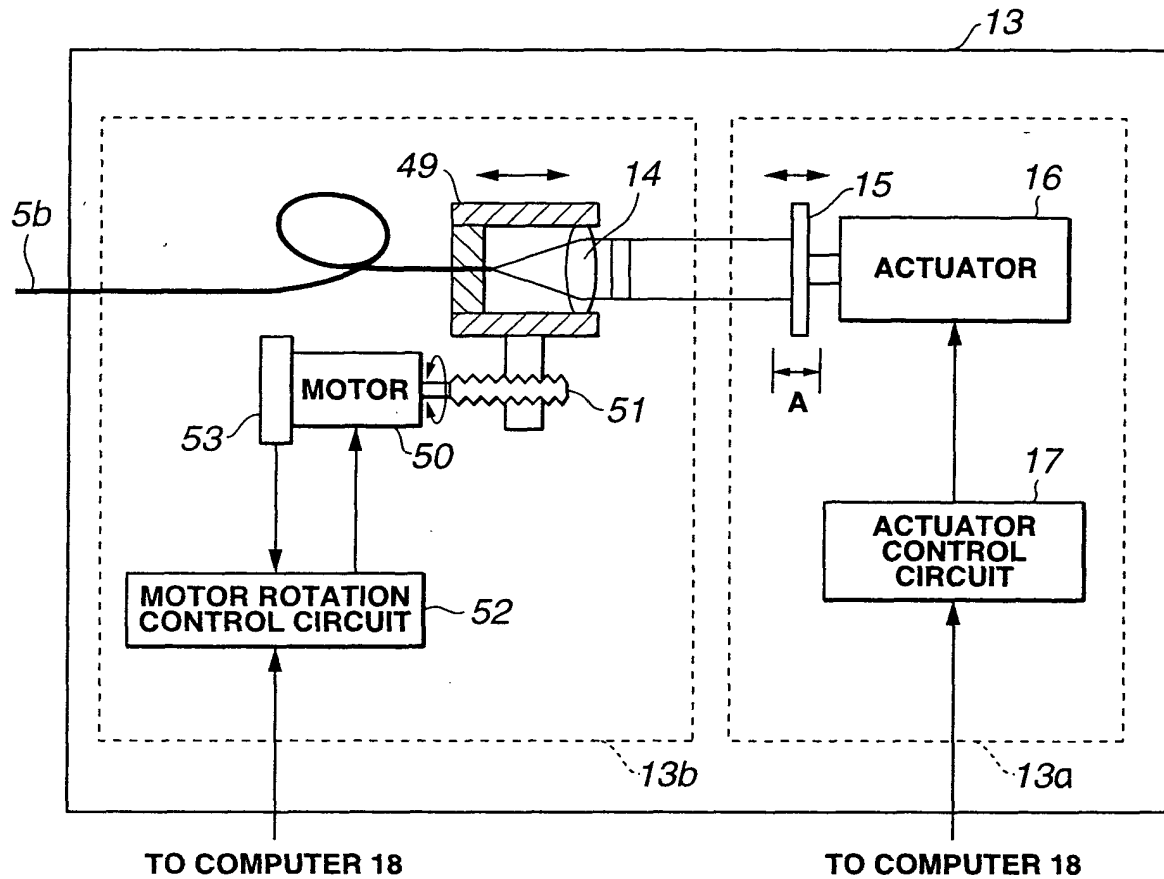


FIG.9A

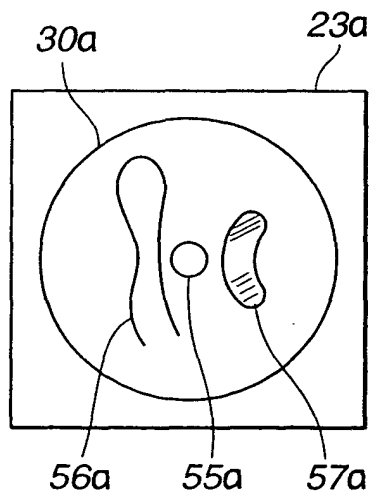


FIG.9B

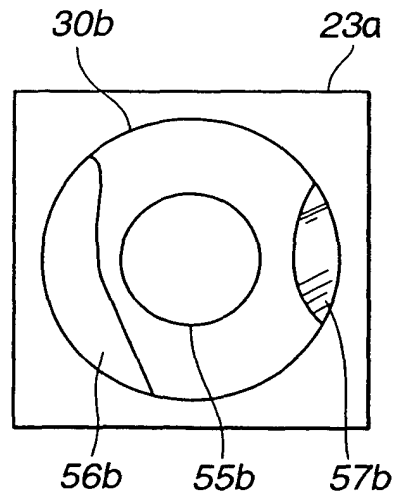


FIG.10

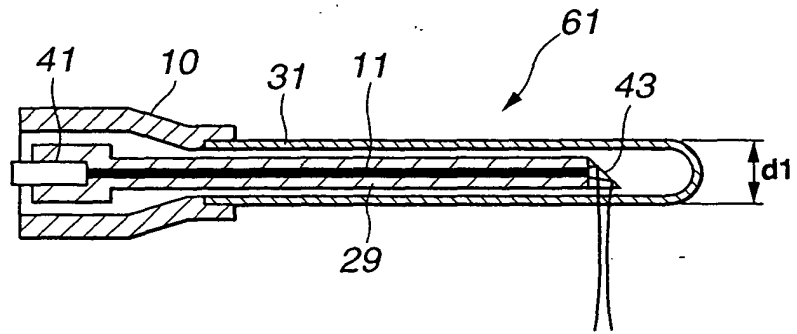


FIG.11

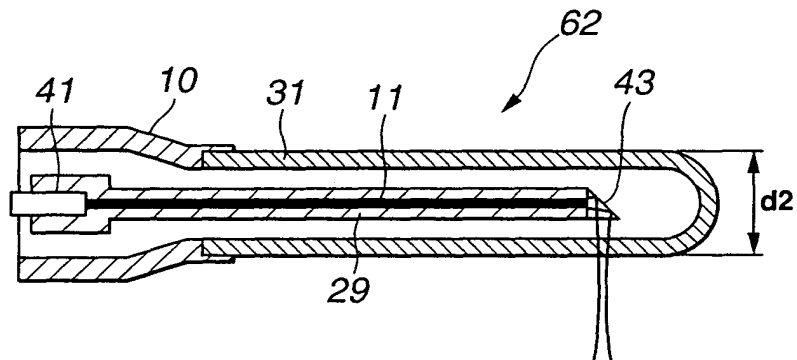


FIG.12

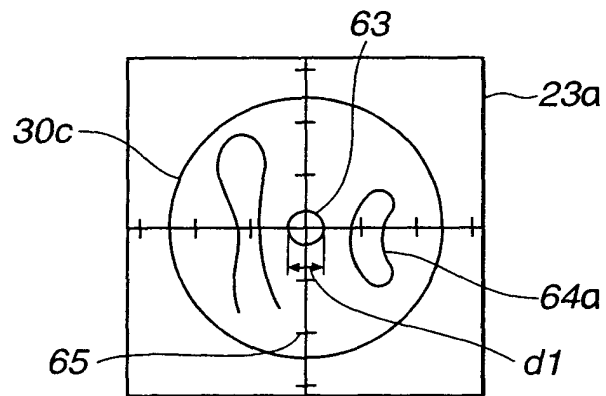


FIG.13

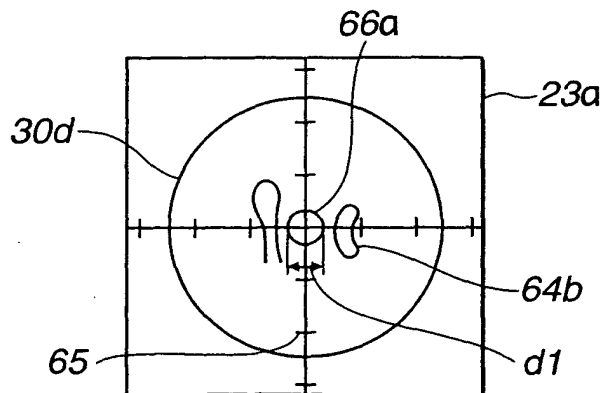


FIG.14

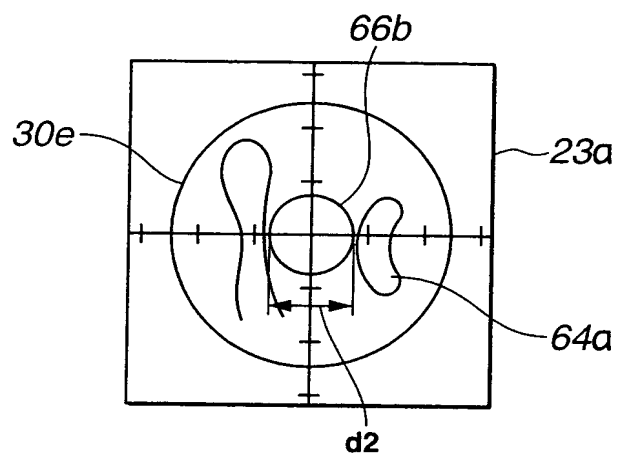


FIG.15

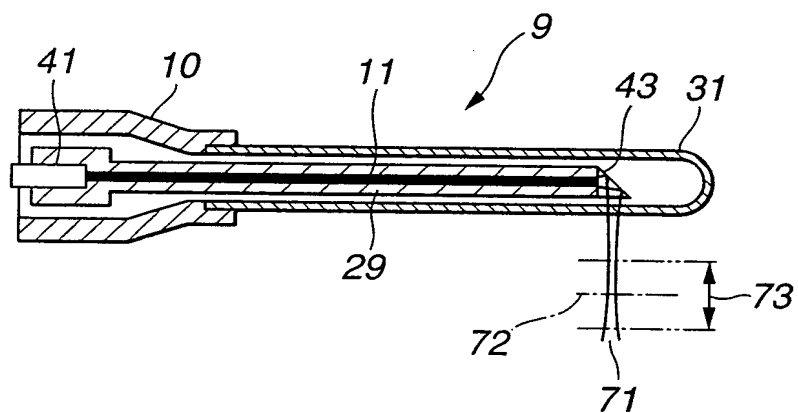


FIG.16

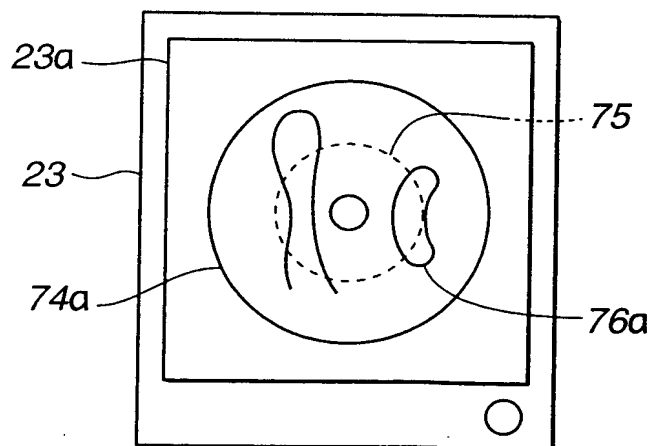


FIG.17

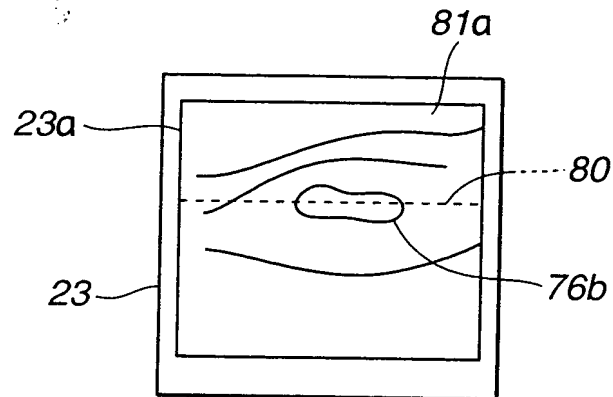


FIG.18

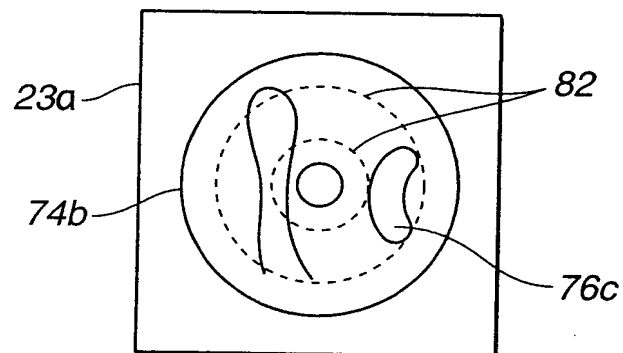


FIG.19

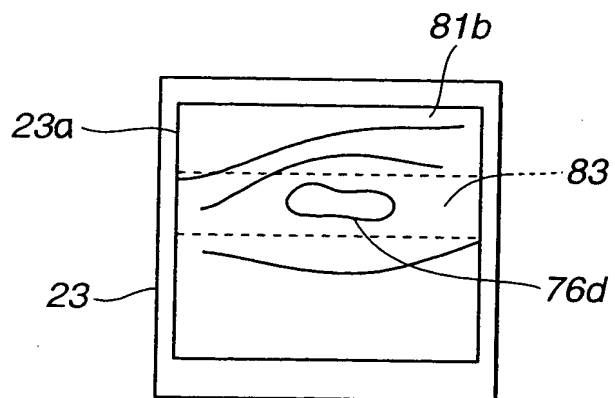


FIG.20

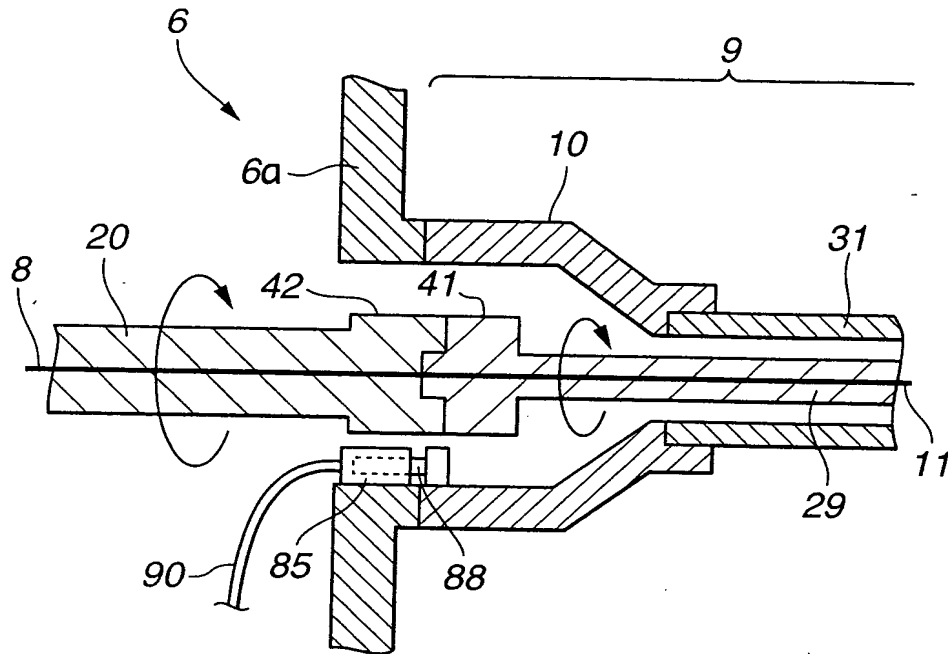


FIG.21

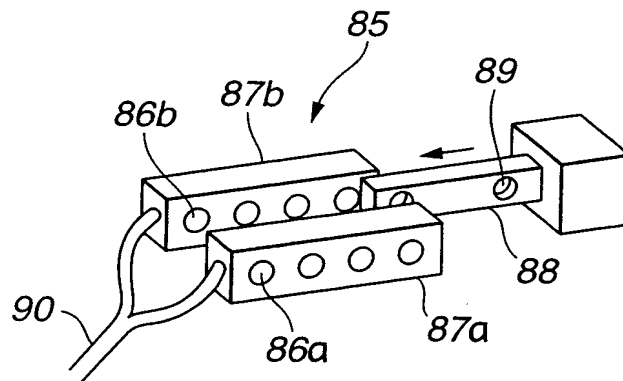


FIG.22

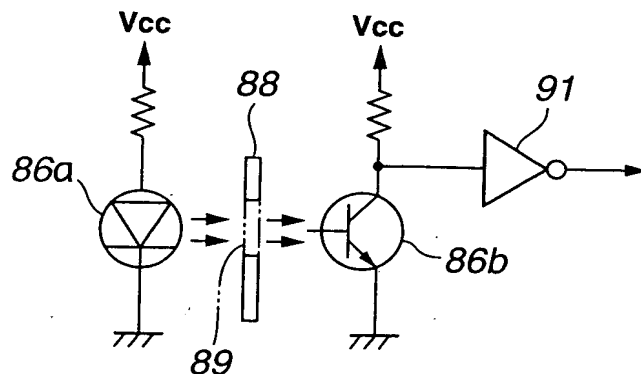


FIG.23

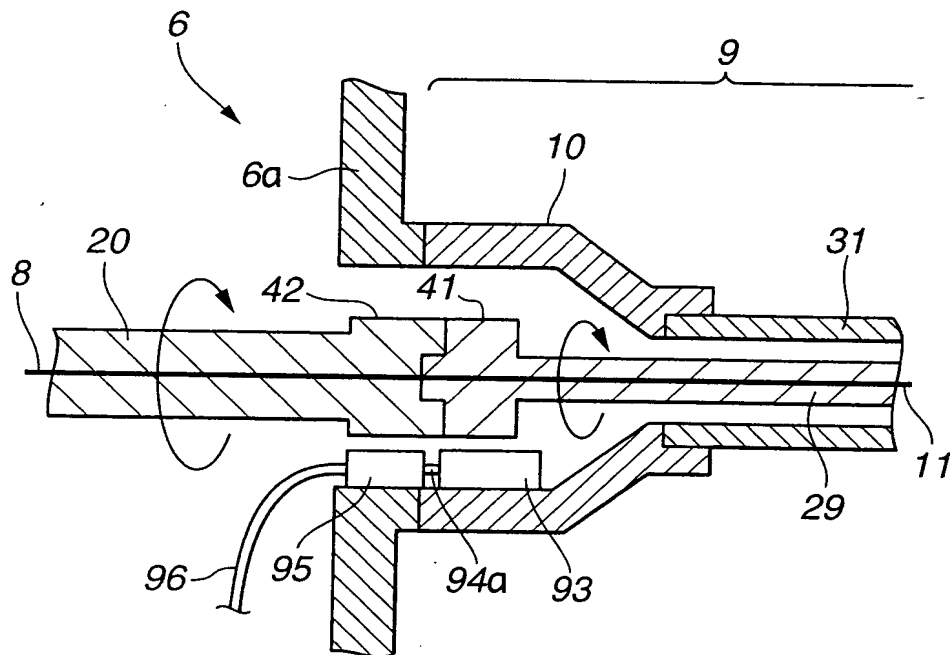


FIG.24

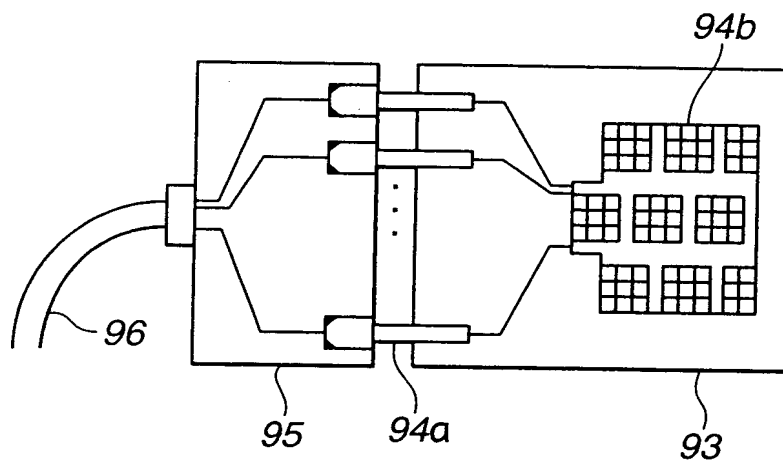


FIG.25

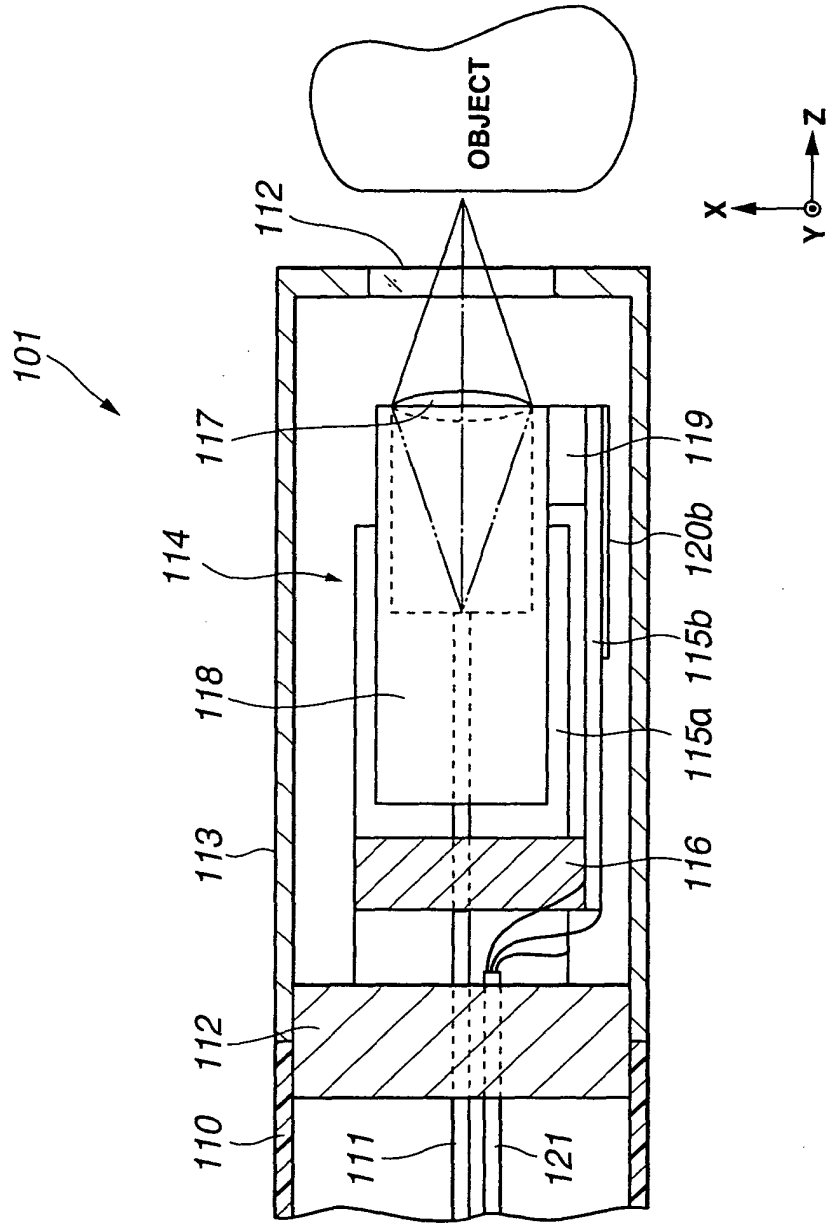


FIG. 26

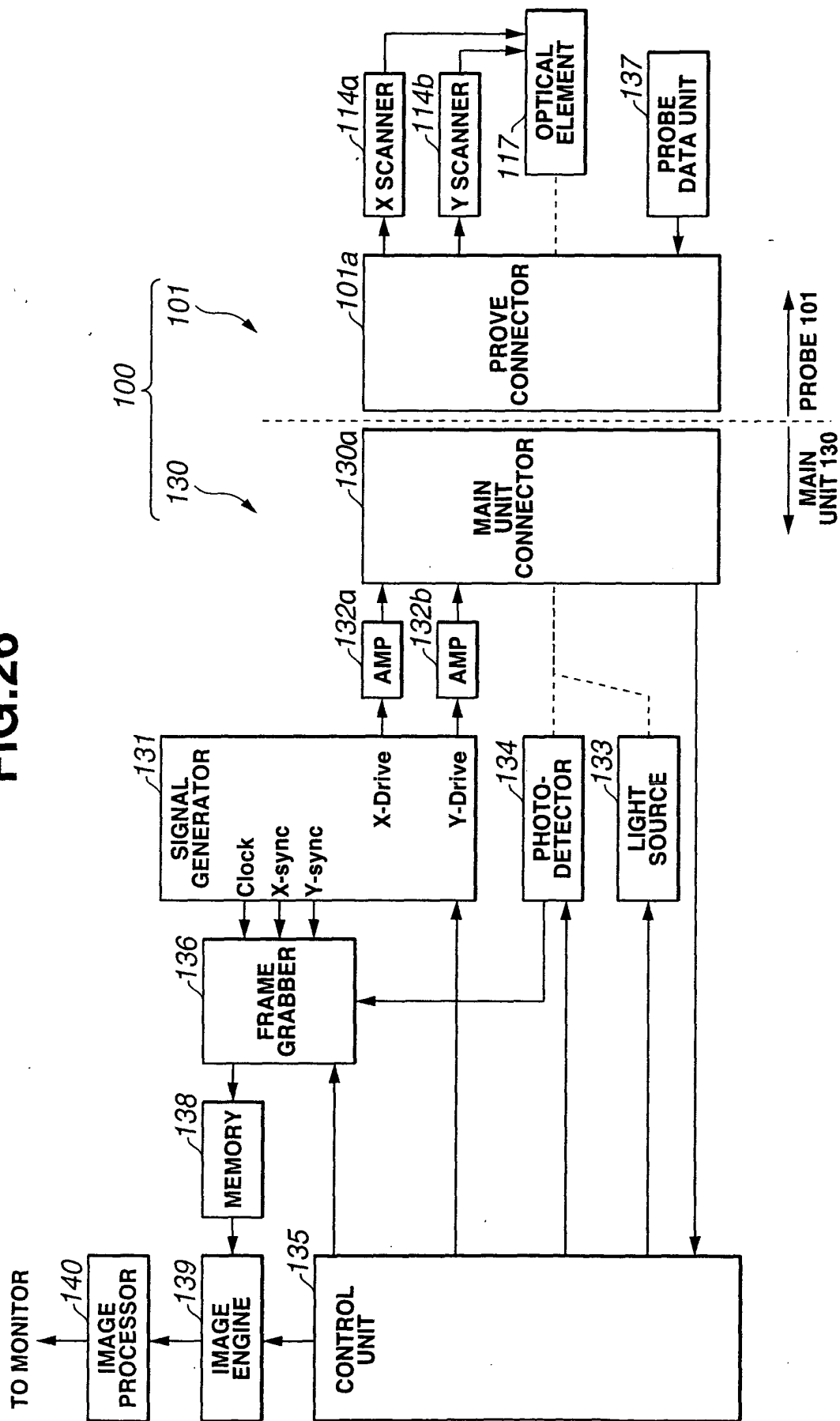


FIG.27

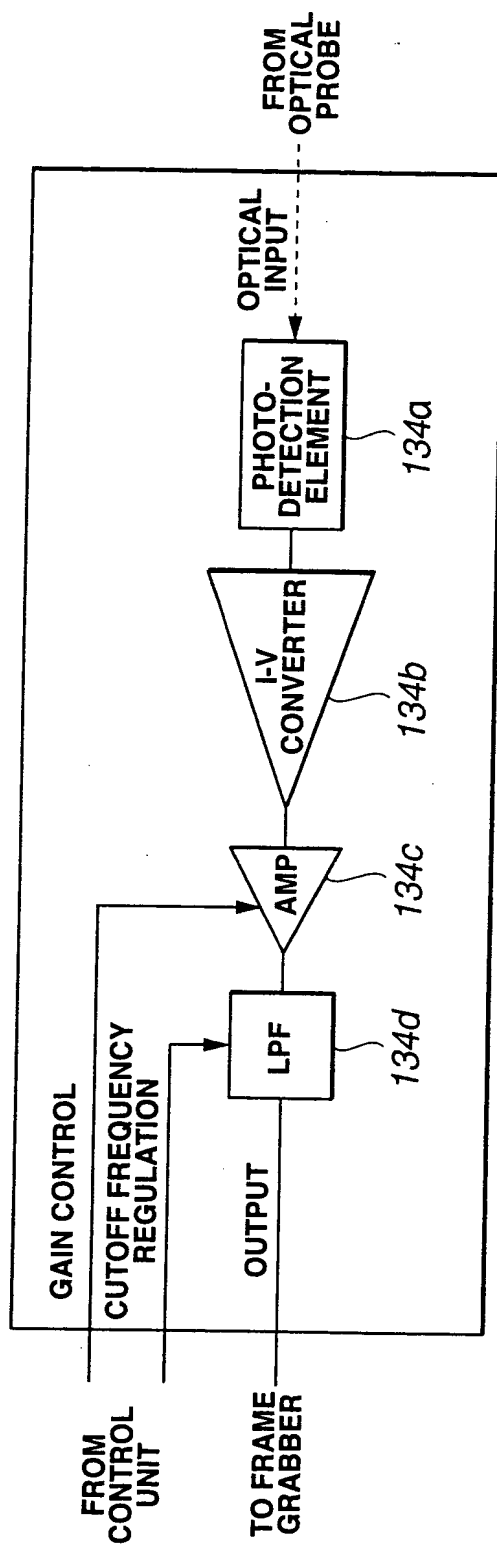


FIG.28B

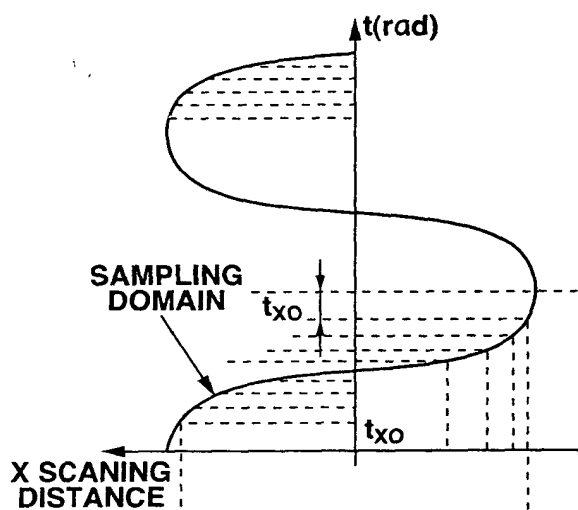


FIG.28A

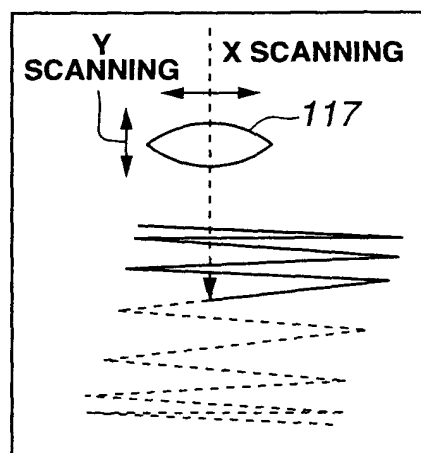


FIG.28D

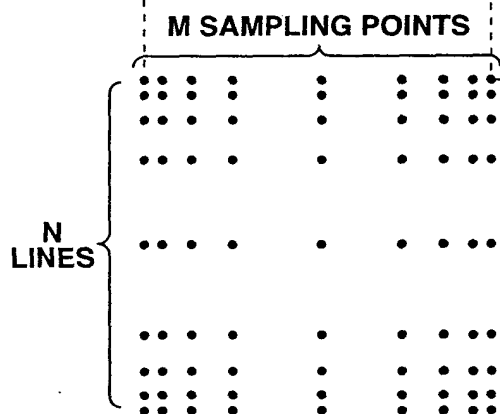


FIG.28C

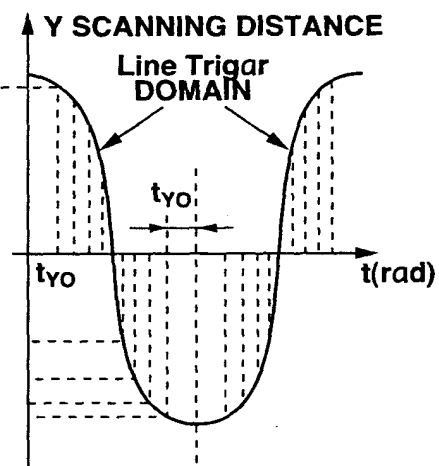


FIG.29

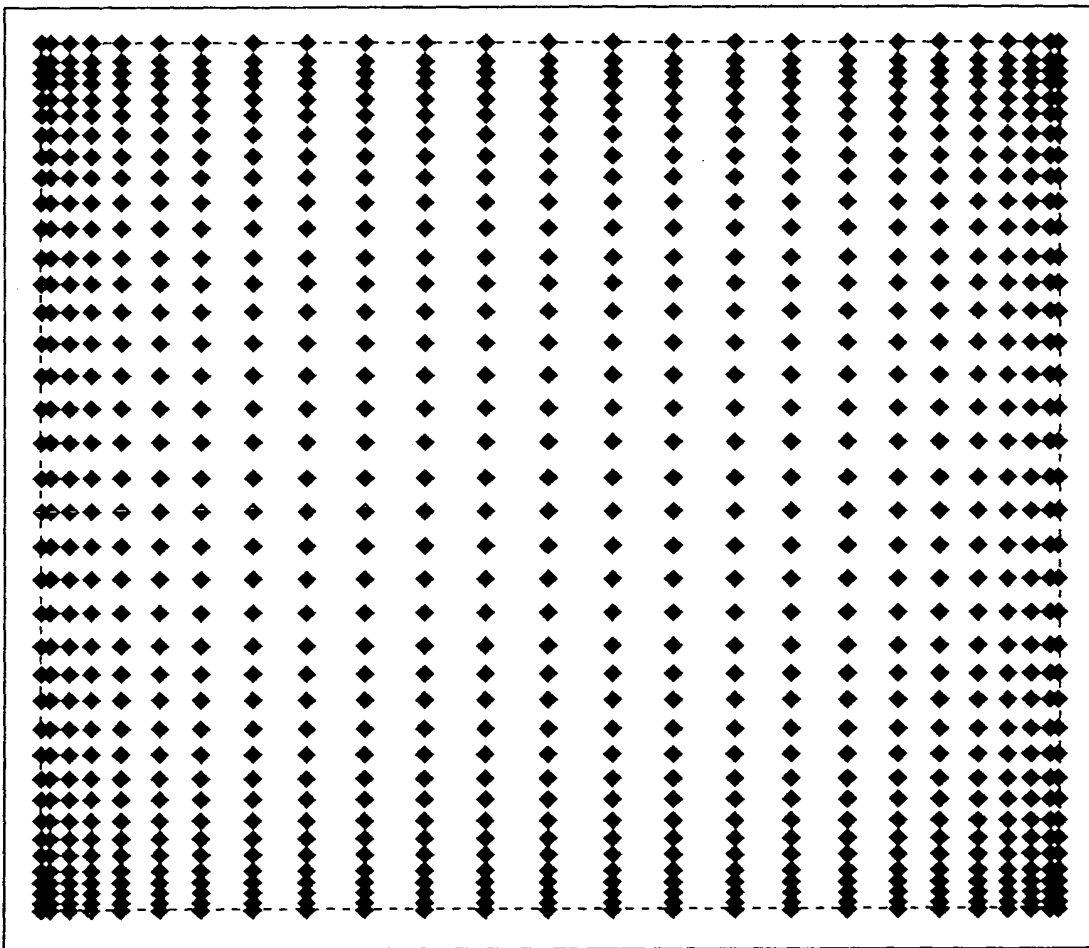


FIG.30A

TYPE (S/N)	AMOUNT OF RETURN LIGHT	OPTICAL LENGTH	NUMERICAL APERTURE (NA)	FOCAL LENGTH	RESOLUTION	APPROPRIATE WAVELENGTH OF LIGHT EMANATING FROM LIGHT SOURCE	NOISE LEVEL	DIAMETER OF LIGHT SPOT
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FIG.30B

X PHASE CORRECTION COEFFICIENT (θ_x)	X DRIVING VOLTAGE (V_x)	X DRIVING FREQUENCY (f_x)	X OFFSET VOLTAGE (V_{xo})	X FIELD OF VIEW (I_x)	KIND OF X DRIVING WAVE	X IMAGE RANGE (P_x)	X SCANNING TECHNIQUE (X=...)
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FIG.30C

Y PHASE CORRECTION COEFFICIENT (θ_y)	Y DRIVING VOLTAGE (V_y)	Y DRIVING FREQUENCY (f_y)	Y OFFSET VOLTAGE (V_{yo})	Y FIELD OF VIEW (I_y)	KIND OF Y DRIVING WAVE	Y IMAGE RANGE (P_y)	Y SCANNING TECHNIQUE (Y=...)
---	-----------------------------	-------------------------------	-------------------------------	---------------------------	------------------------	-------------------------	------------------------------

FIG.31

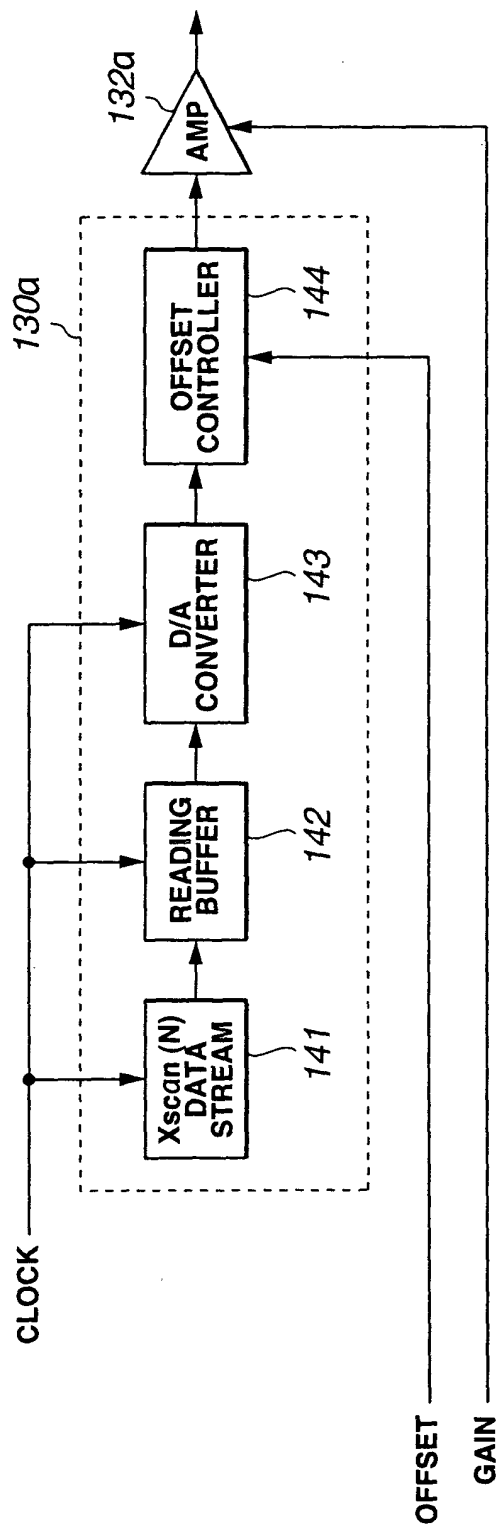


FIG.32

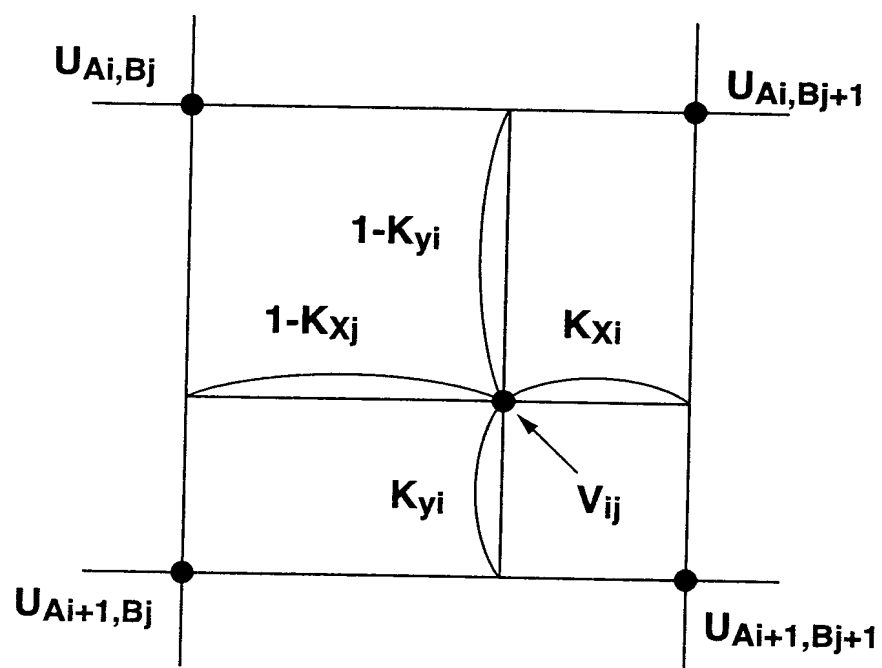


FIG.33

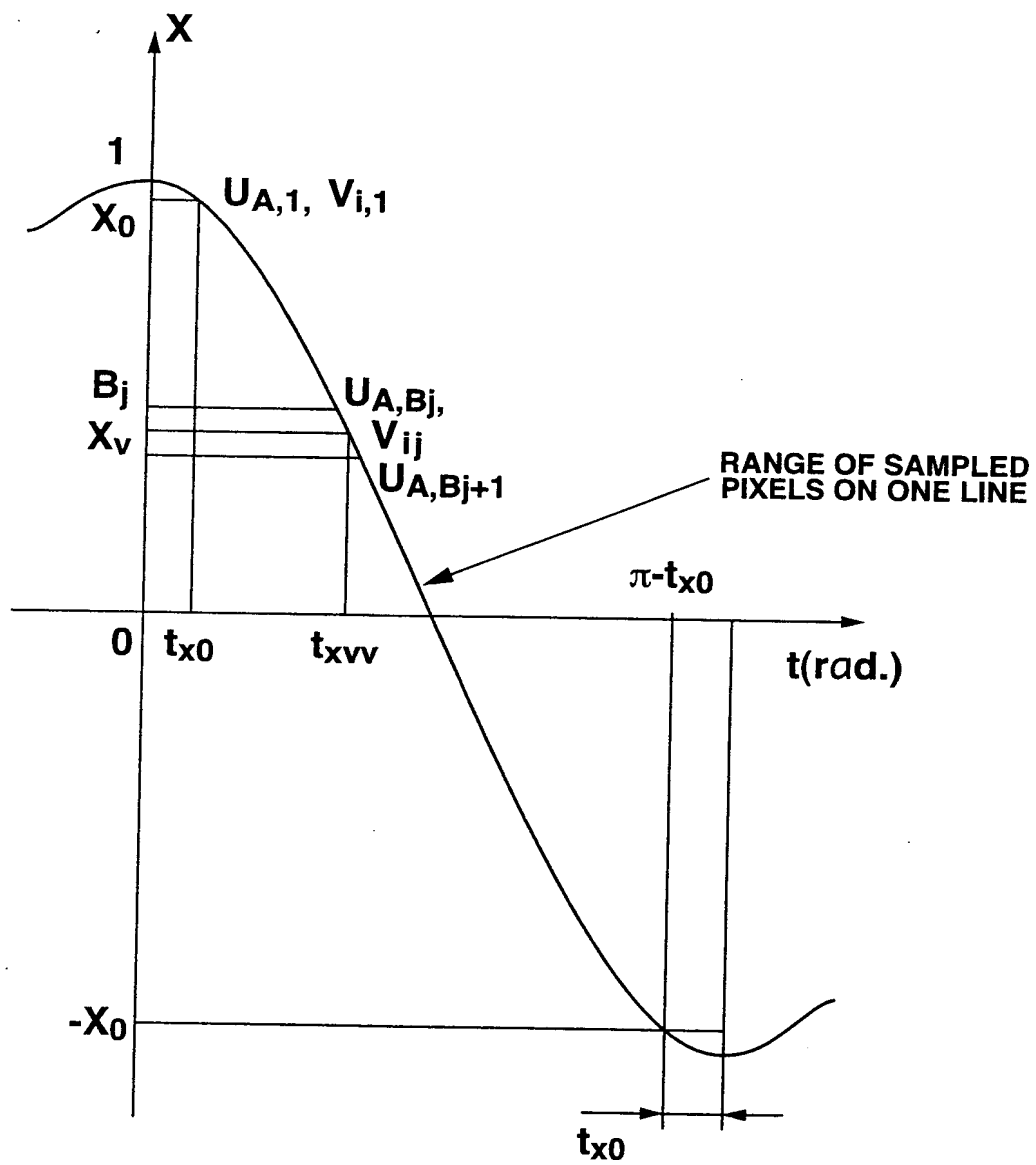


FIG.34

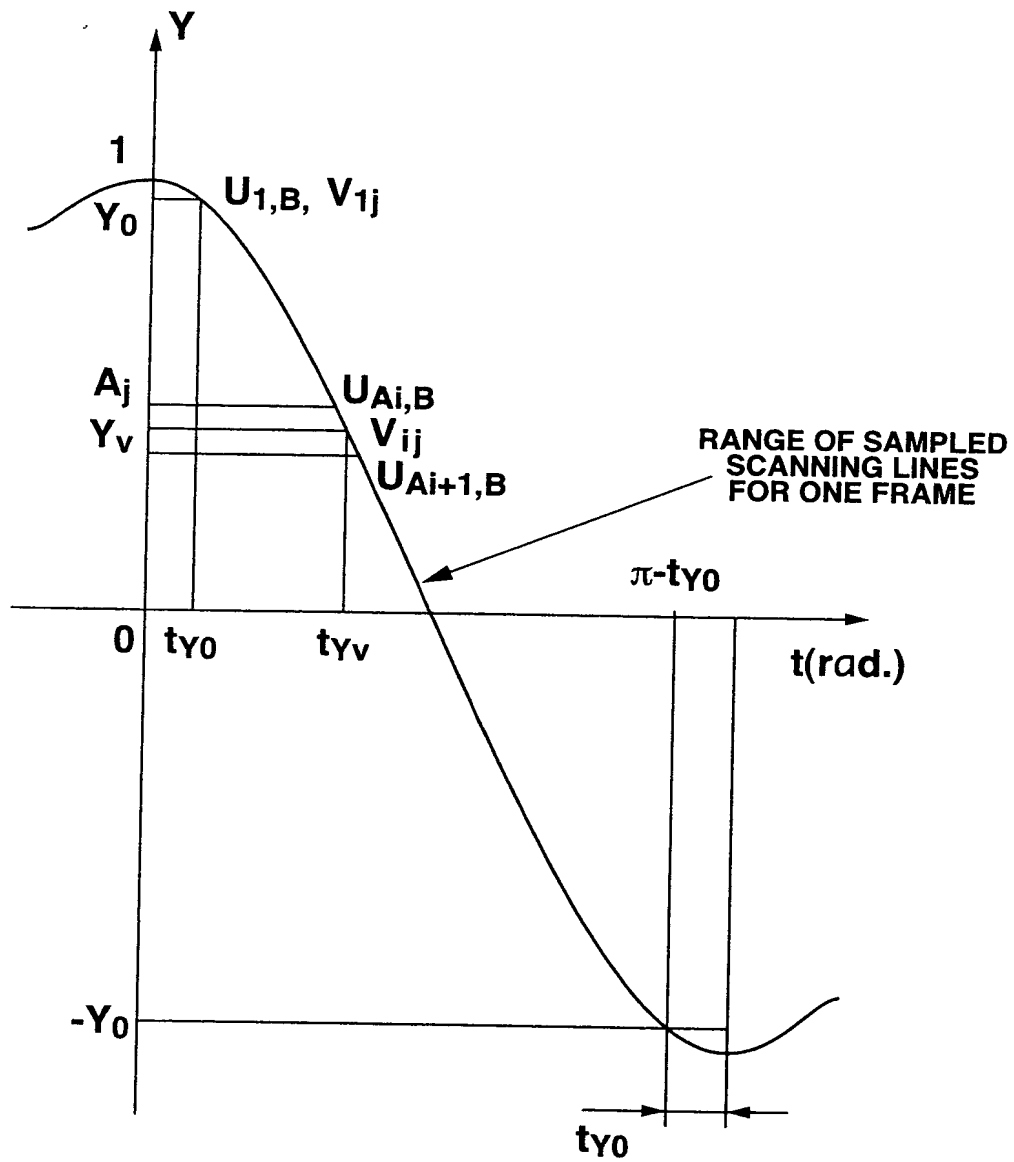
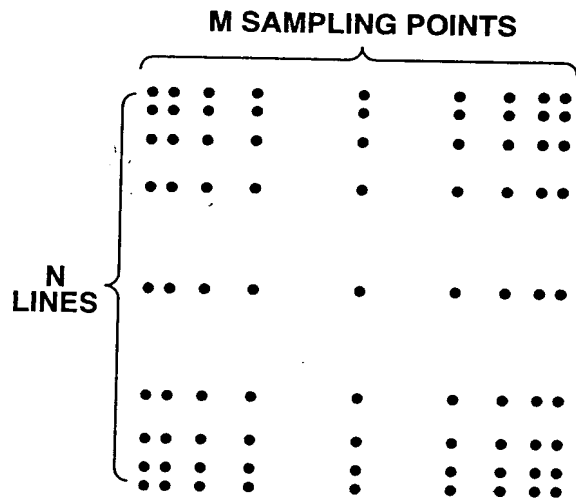
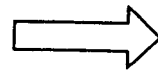
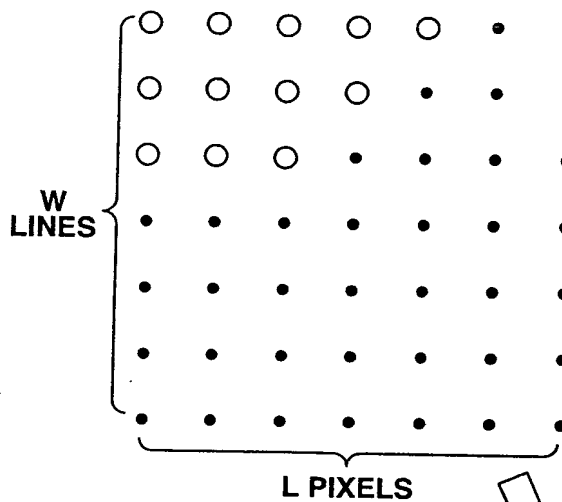


FIG.35A



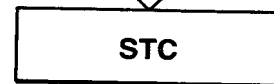
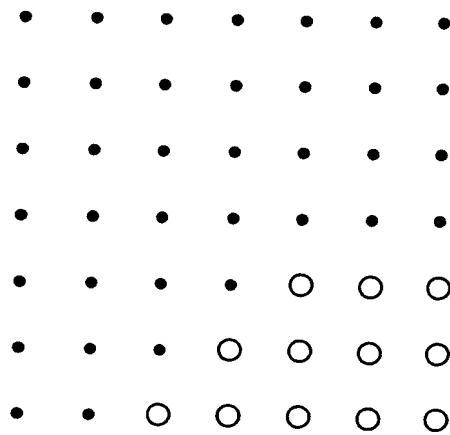
INTERPOLATION

FIG.35B



ALIASING
OF EVEN
FRAME
DATA

FIG.35C



MAINPULATION OF
ODD FRAME DATA

FIG. 36A Y DRIVING SIGNAL

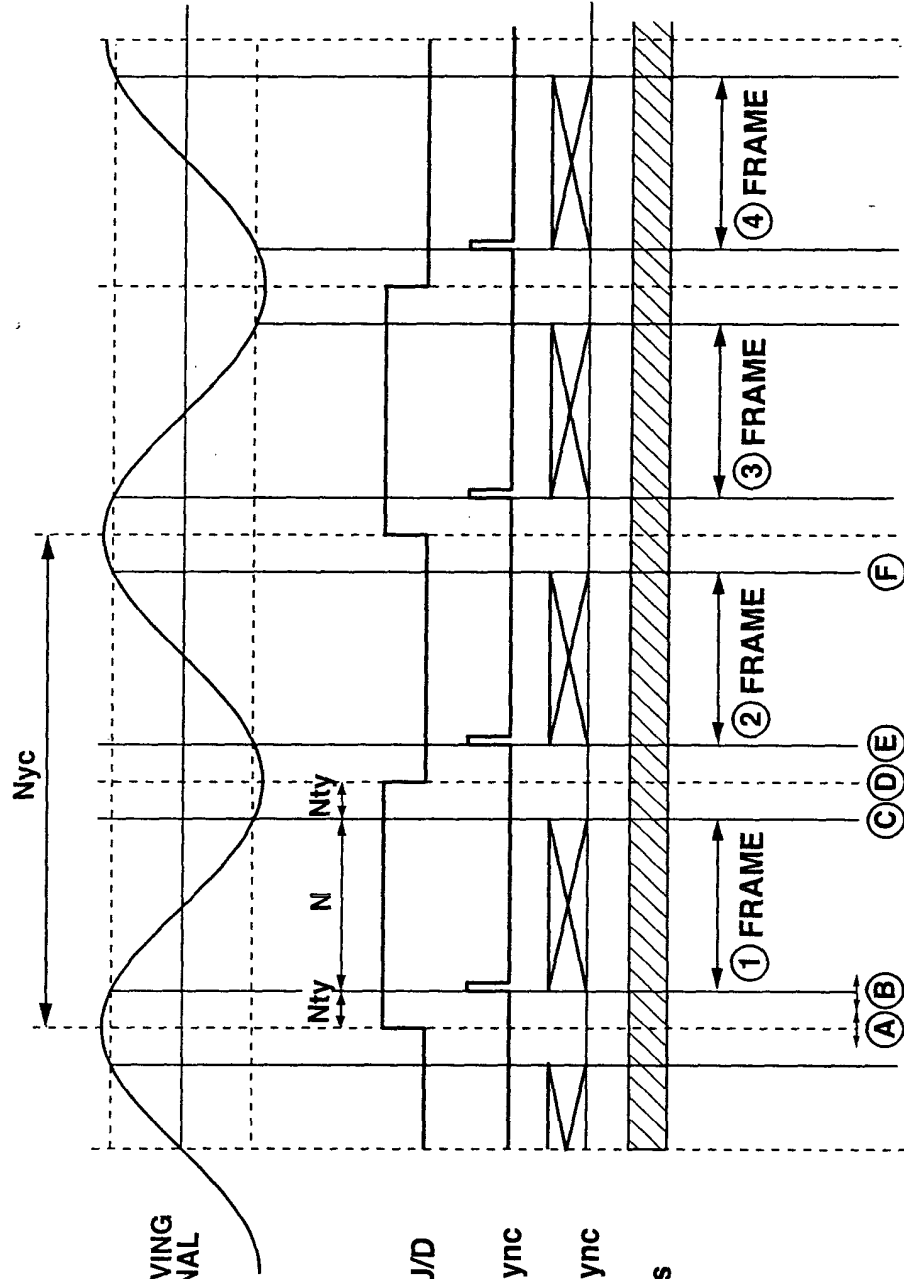


FIG. 36B Y-U/D

FIG. 36C Y-Sync

FIG. 36D X-Sync

FIG. 36E f_s

f_s

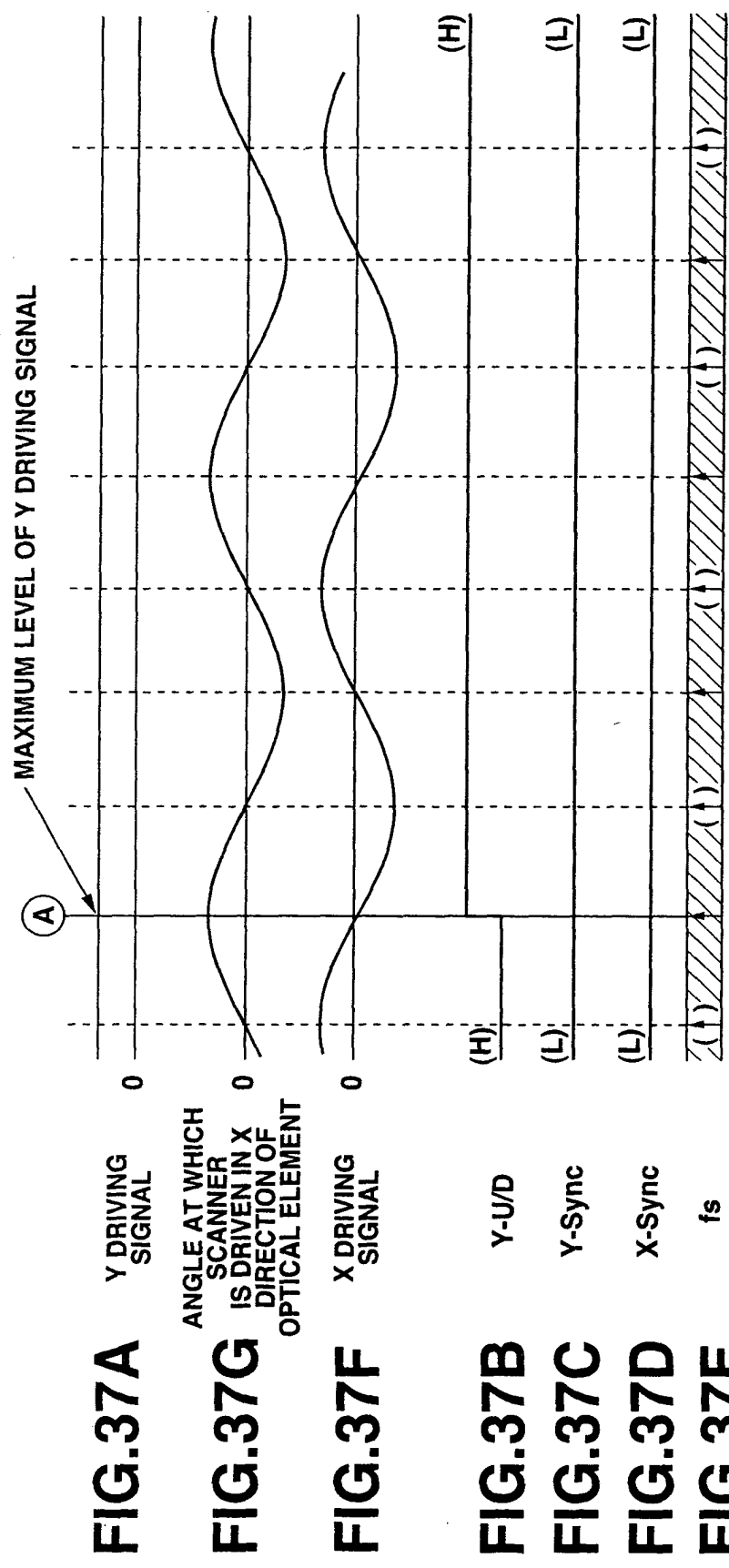


FIG.38A

AMPLITUDE OF Y SCANNER FALLS
WITHIN OBSERVABLE RANGE

(B)

Y DRIVING
SIGNAL

ANGLE
AT WHICH
SCANNER IS
DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.38G

X DRIVING
SIGNAL

FIG.38F

Y-U/D

FIG.38B

Y-Sync

FIG.38C

X-Sync

FIG.38D

t_s

FIG.38E

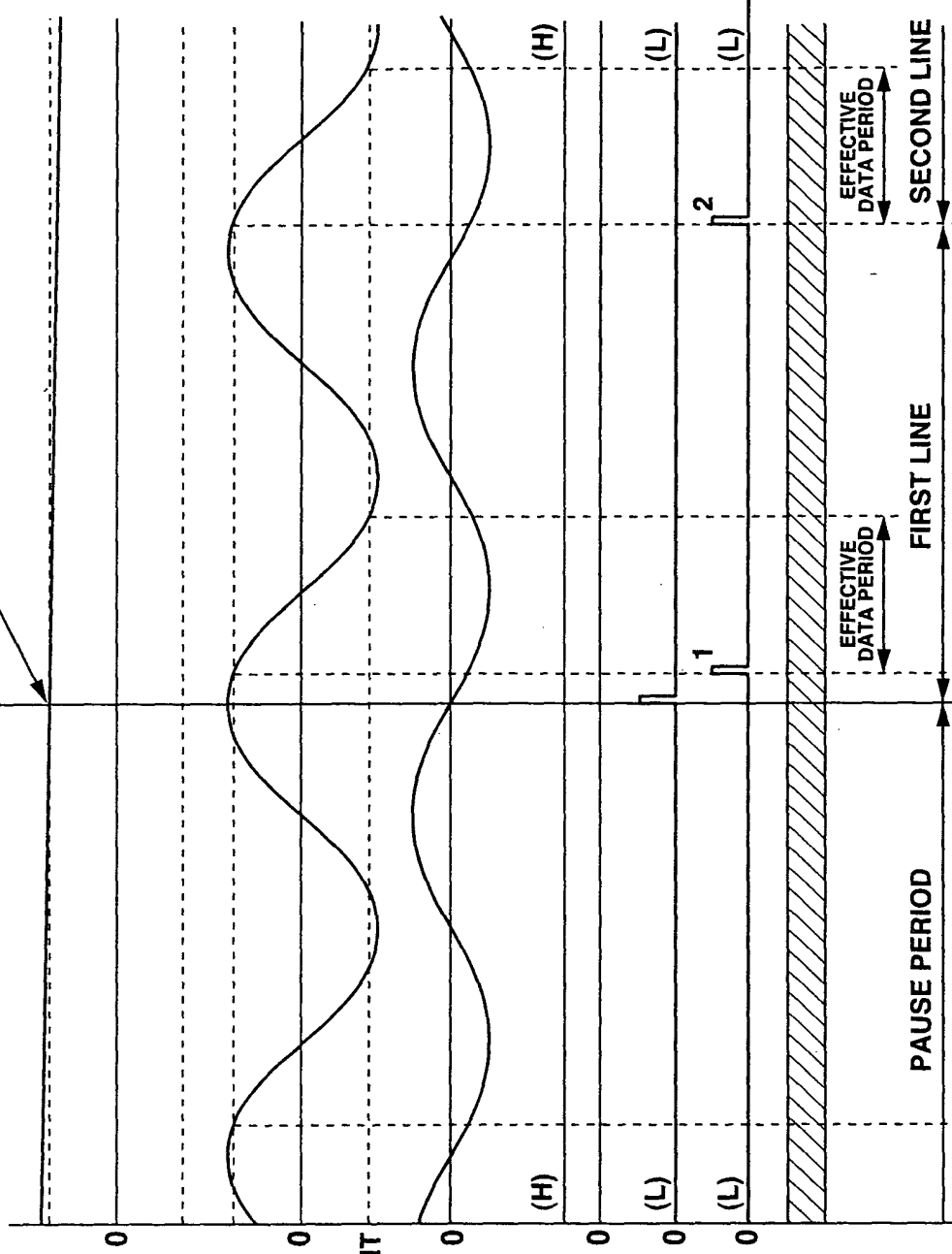


FIG.39A

Y DRIVING
SIGNAL

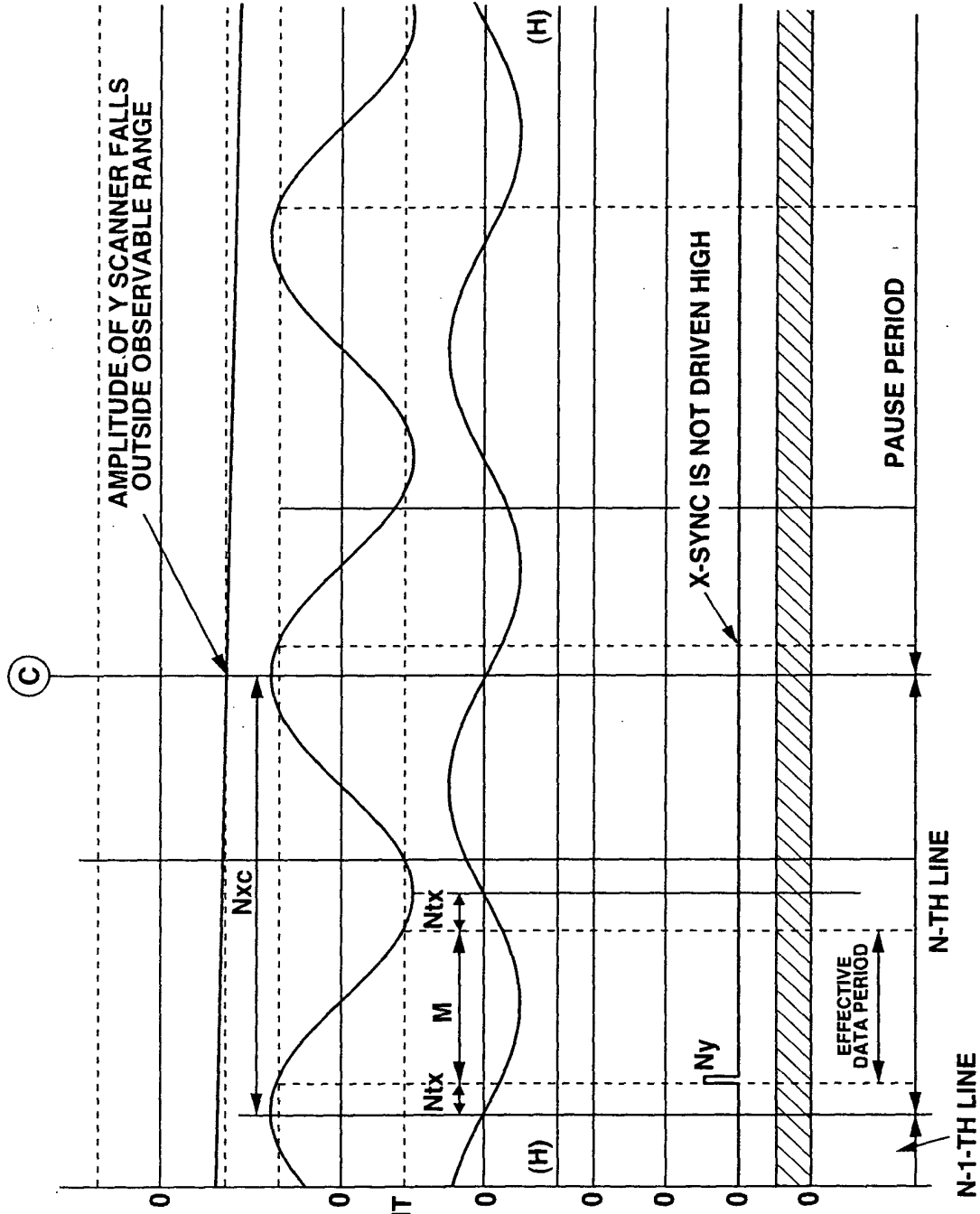


FIG.39G

ANGLE
AT WHICH
SCANNER IN X
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.39F

X DRIVING
SIGNAL

FIG.39B

Y-U/D

FIG.39C

Y-Sync

FIG.39D

X-Sync

FIG.39E

fs

FIG.40A

Y DRIVING
SIGNAL

MINIMUM LEVEL OF
Y DRIVING SIGNAL

(D)

FIG.40G

ANGLE
AT WHICH
SCANNER IN X
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.40F

X DRIVING
SIGNAL

FIG.40B

Y-U/D

FIG.40C

Y-Sync

FIG.40D

X-Sync

FIG.40E

fs

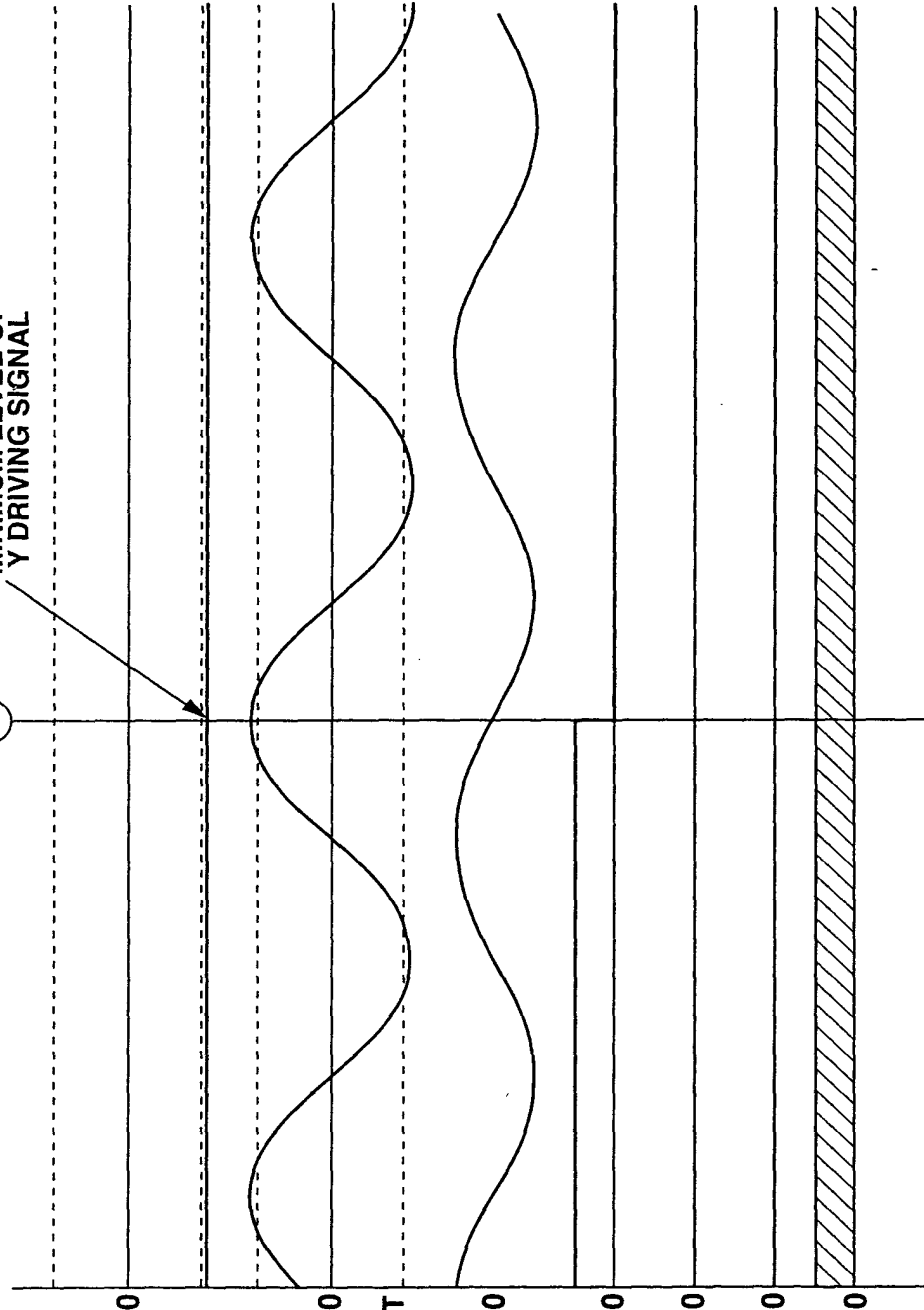


FIG.41A Y DRIVING SIGNAL

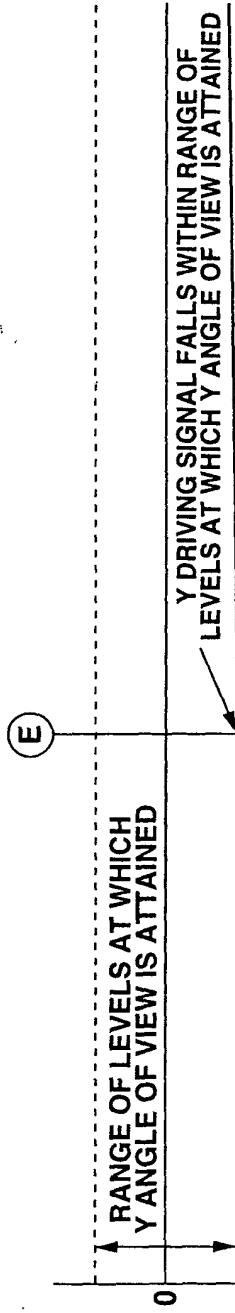


FIG.41G ANGLE AT WHICH SCANNER IS DRIVEN IN X DIRECTION OF OPTICAL ELEMENT

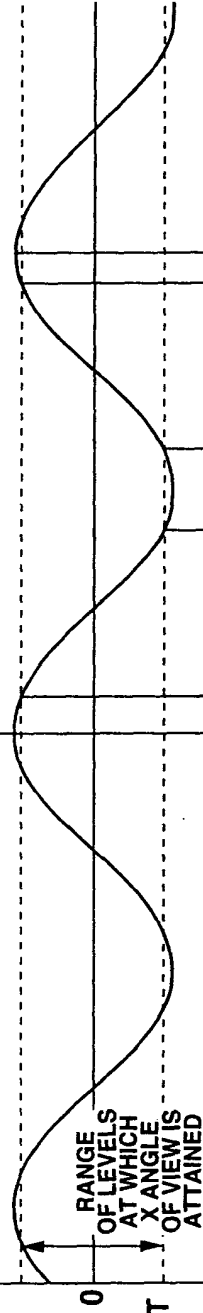


FIG.41F X DRIVING SIGNAL

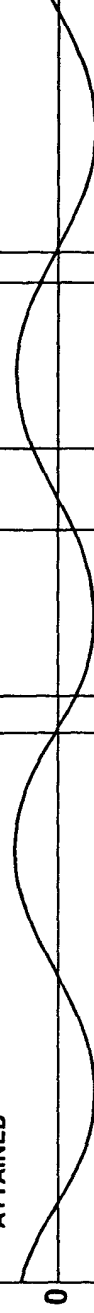


FIG.41B Y-U/D



FIG.41C Y-Sync

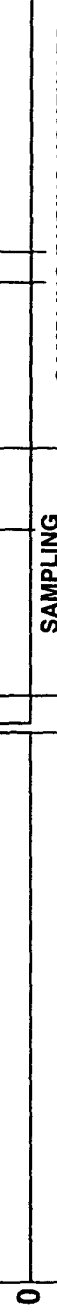


FIG.41D X-Sync



FIG.41E fs

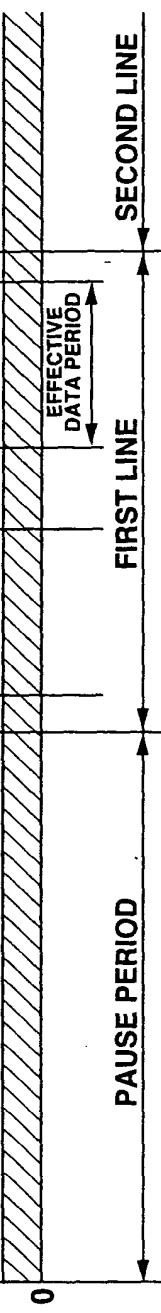


FIG.42A

Y DRIVING
SIGNAL

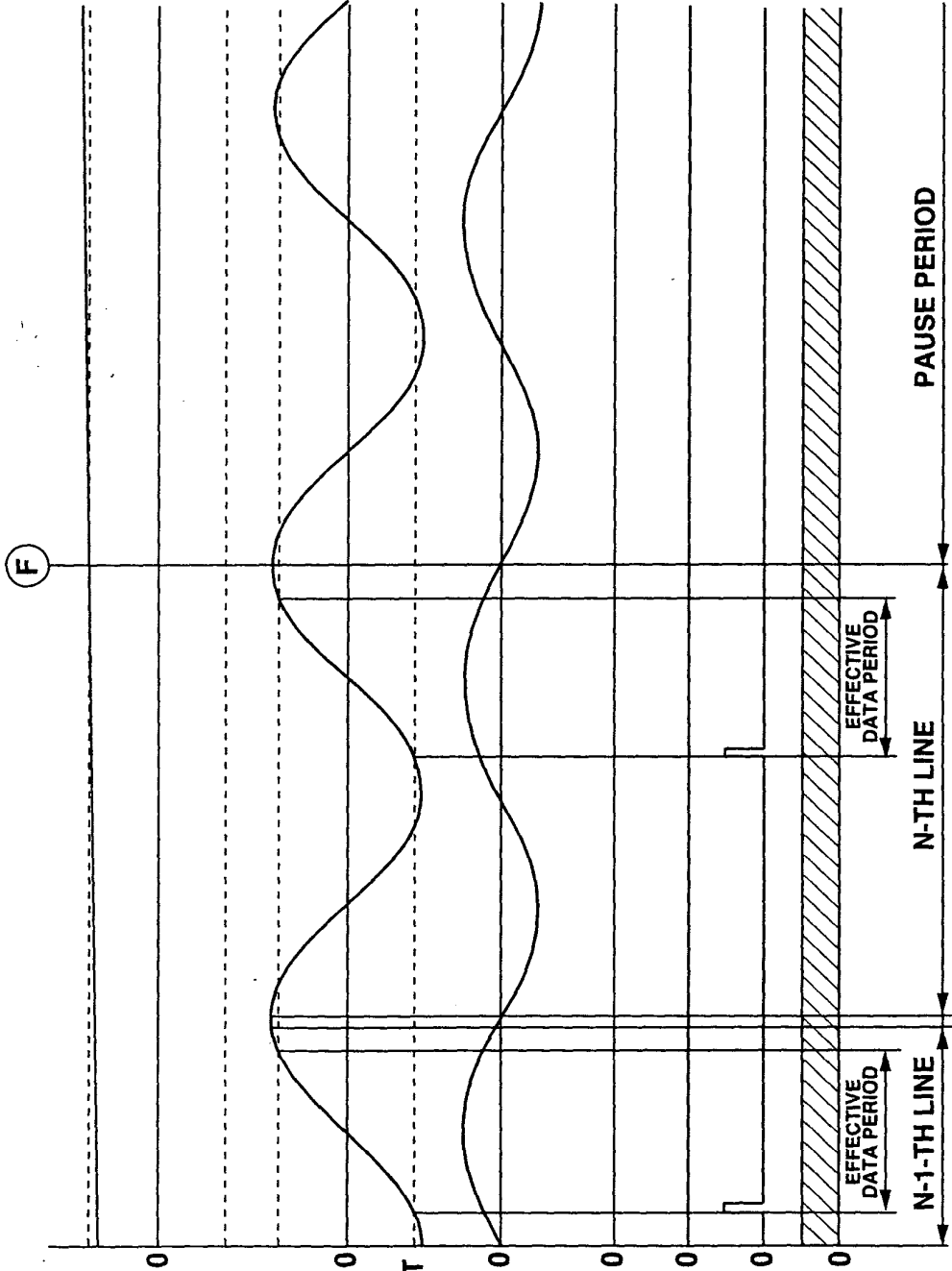


FIG.42G

ANGLE
AT WHICH
SCANNER
IS DRIVEN IN X
DIRECTION OF
OPTICAL ELEMENT

FIG.42F

X DRIVING
SIGNAL

FIG.42B

Y-U/D

FIG.42C

Y-Sync

FIG.42D

X-Sync

FIG.42E

fs

FIG.43

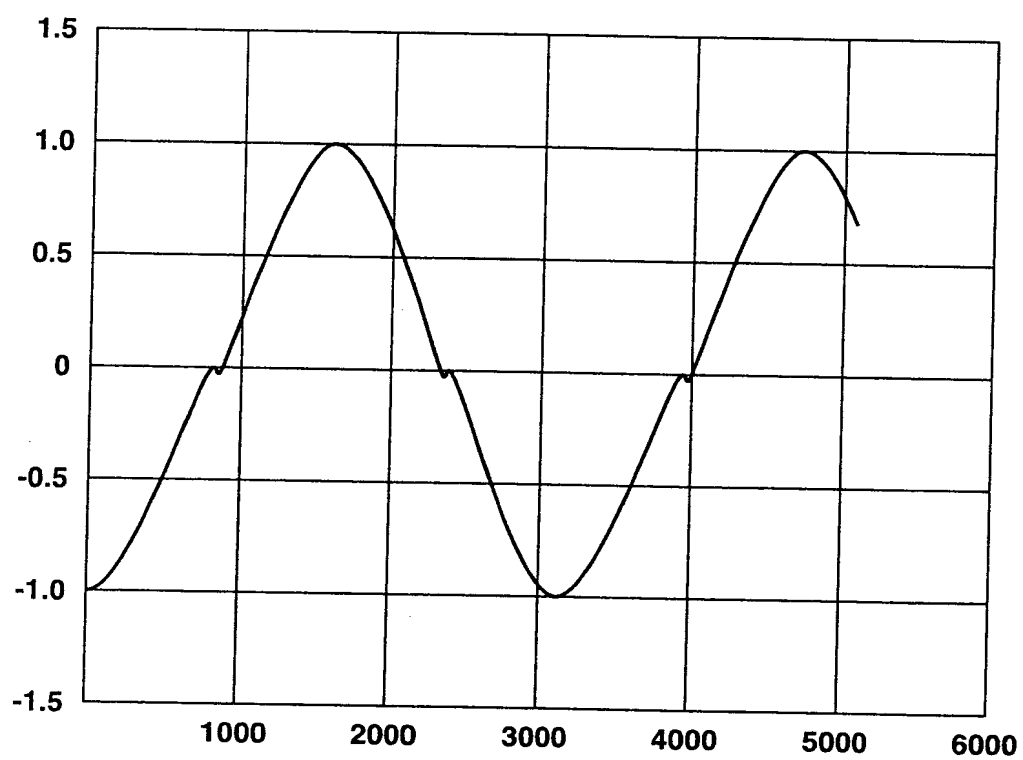


FIG. 44

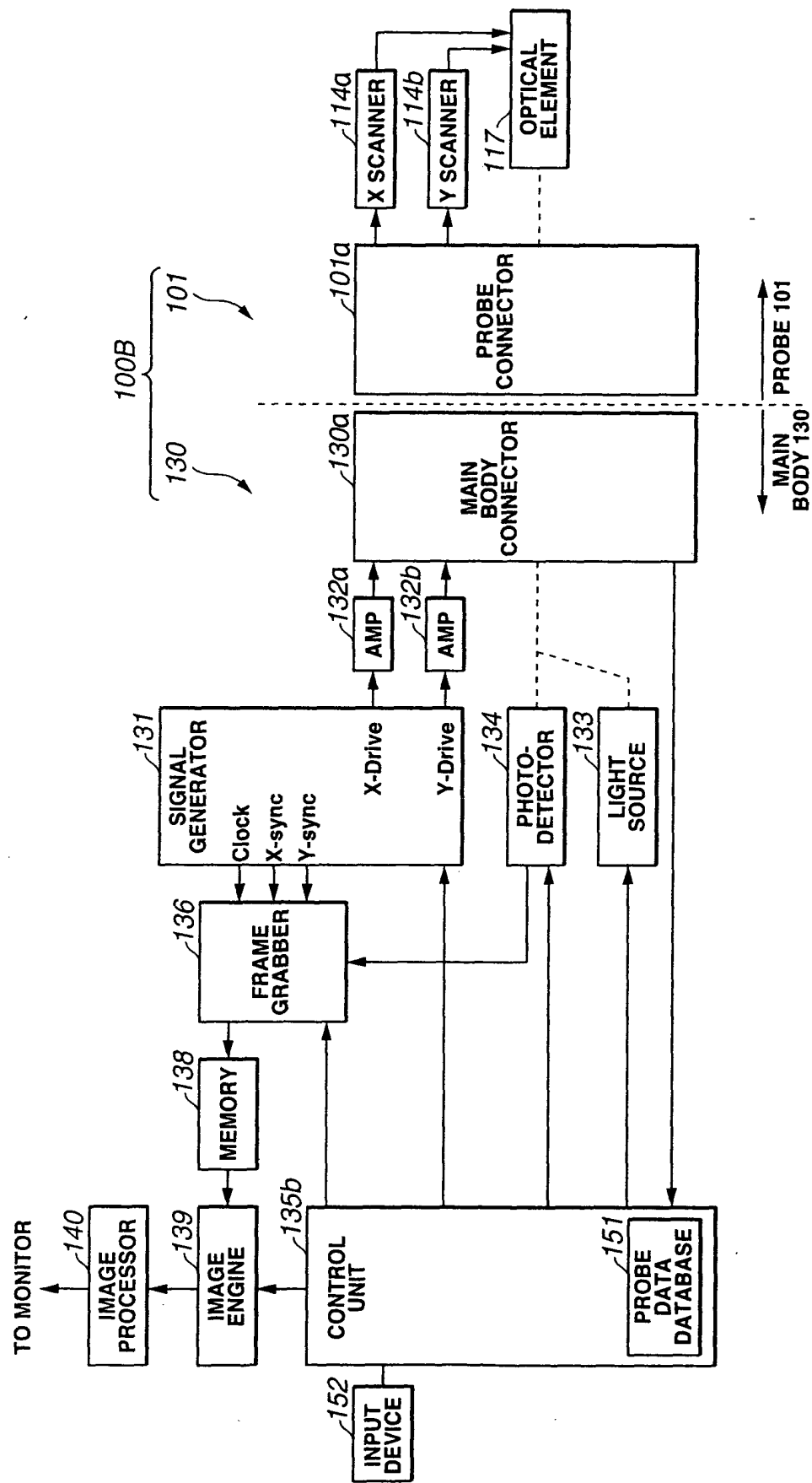


FIG.45

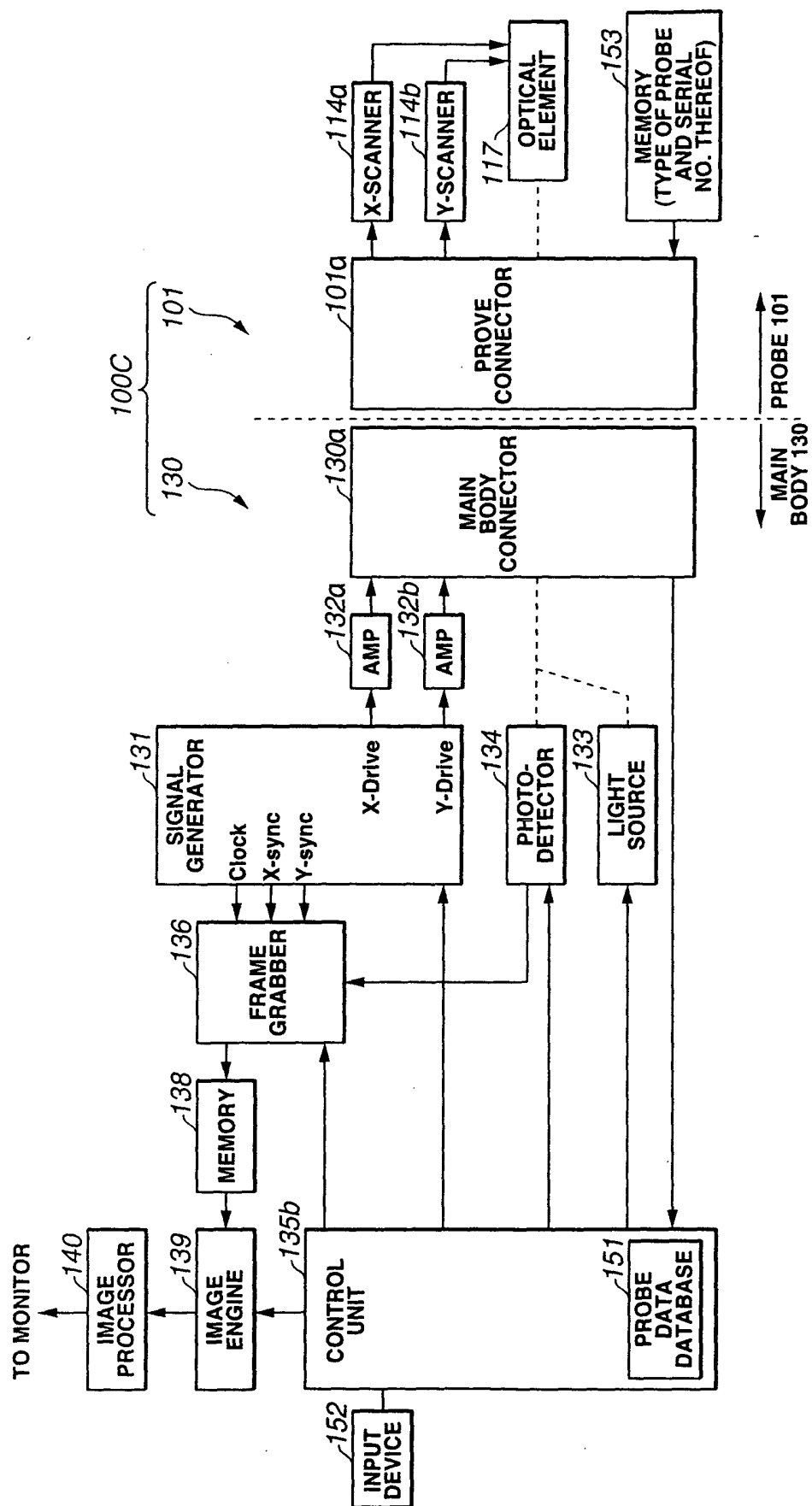


FIG.46

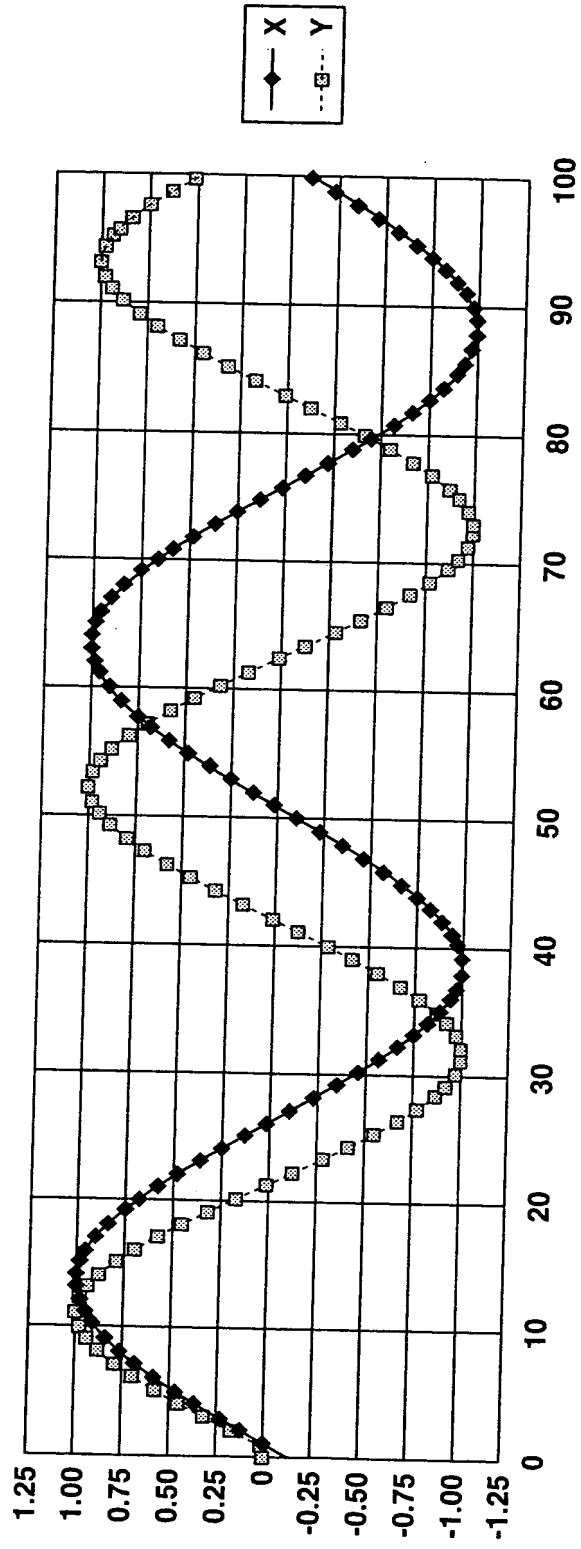


FIG.47

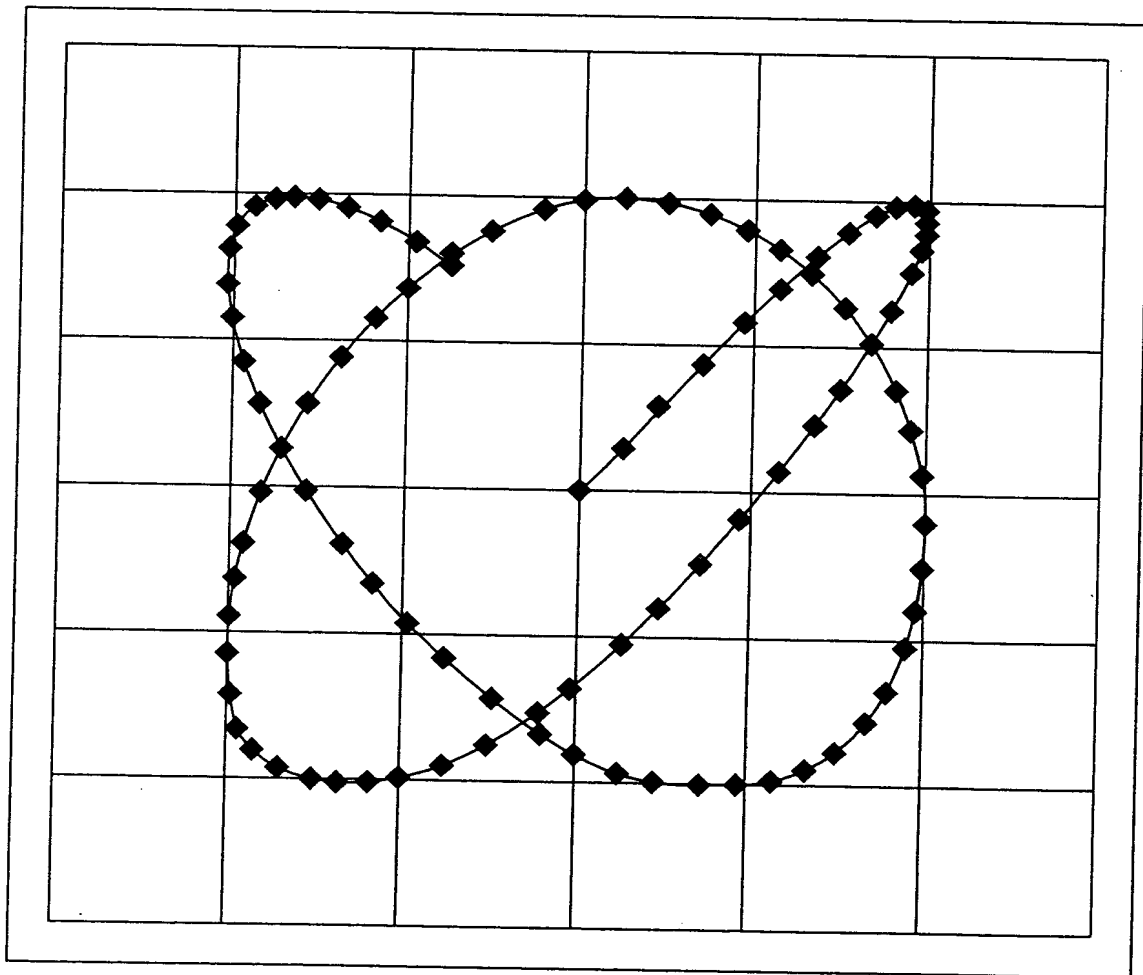


FIG.48

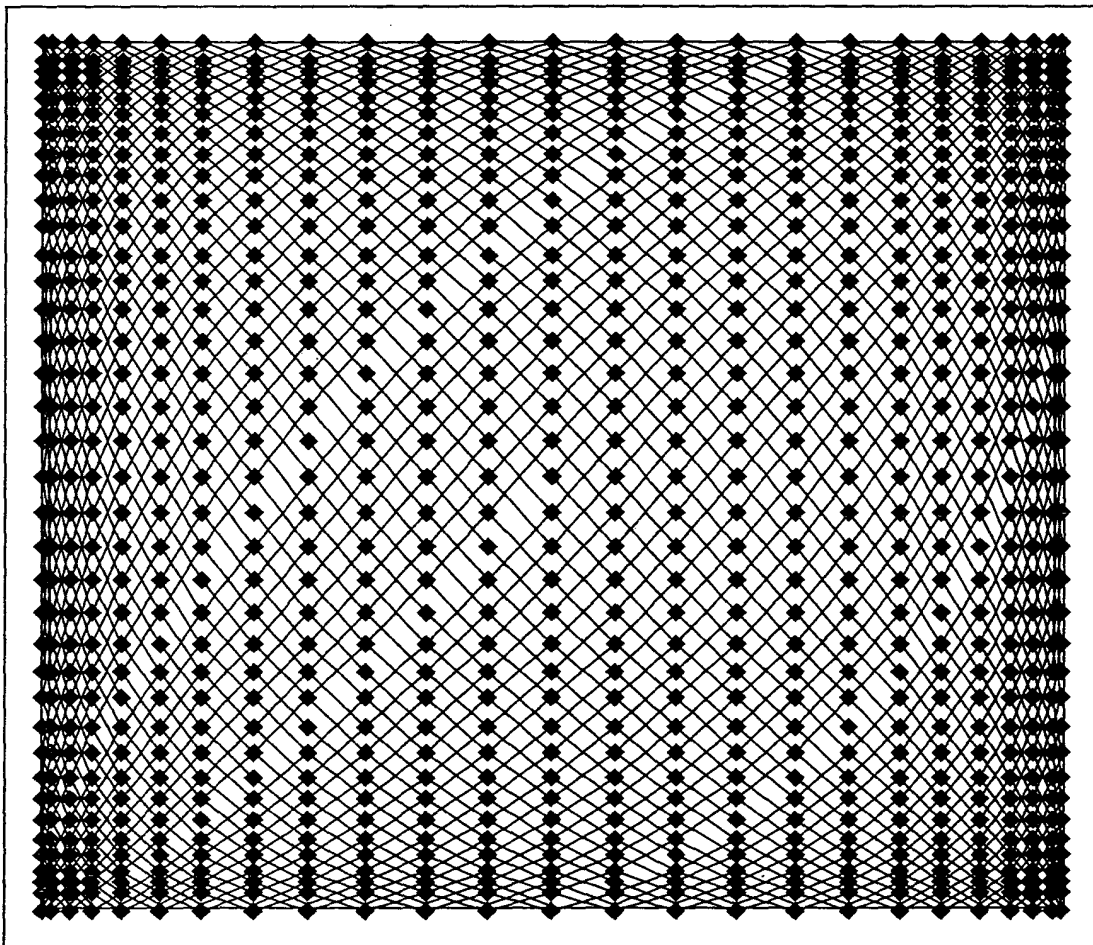


FIG. 49

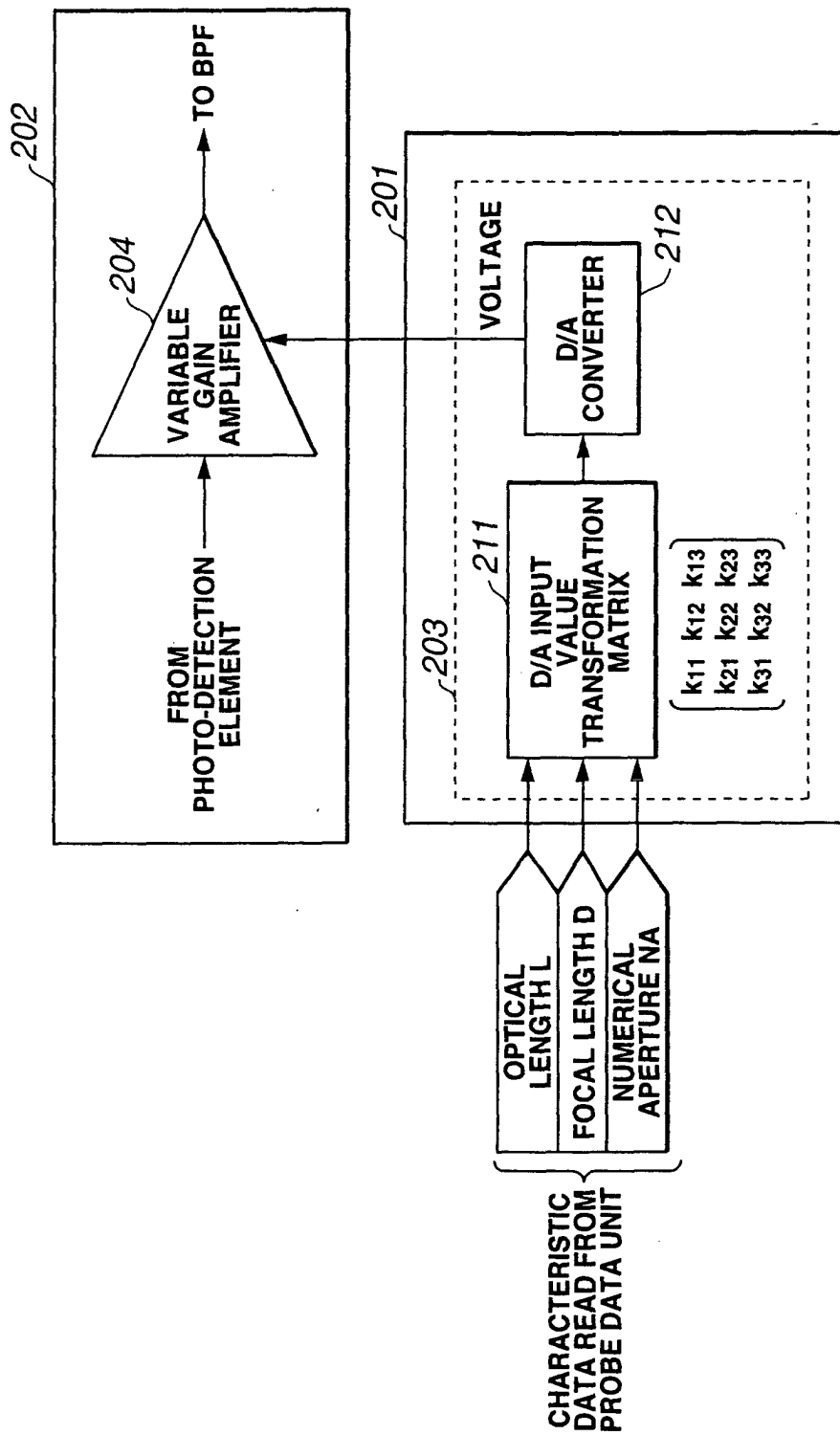


FIG.50A

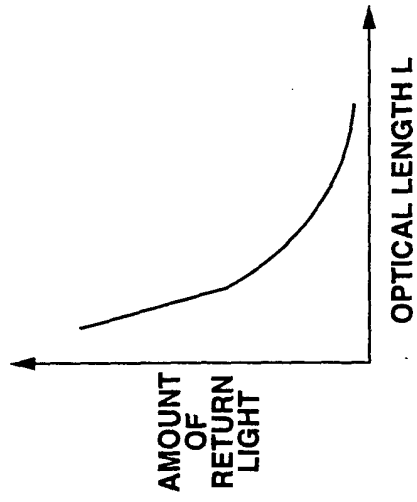


FIG.50B

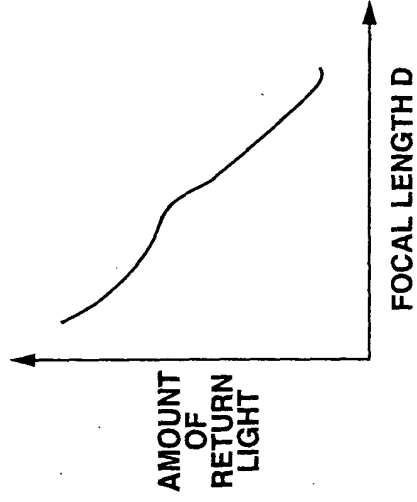


FIG.50C

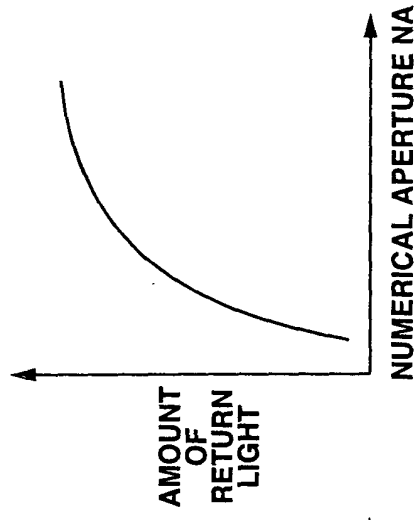


FIG.51

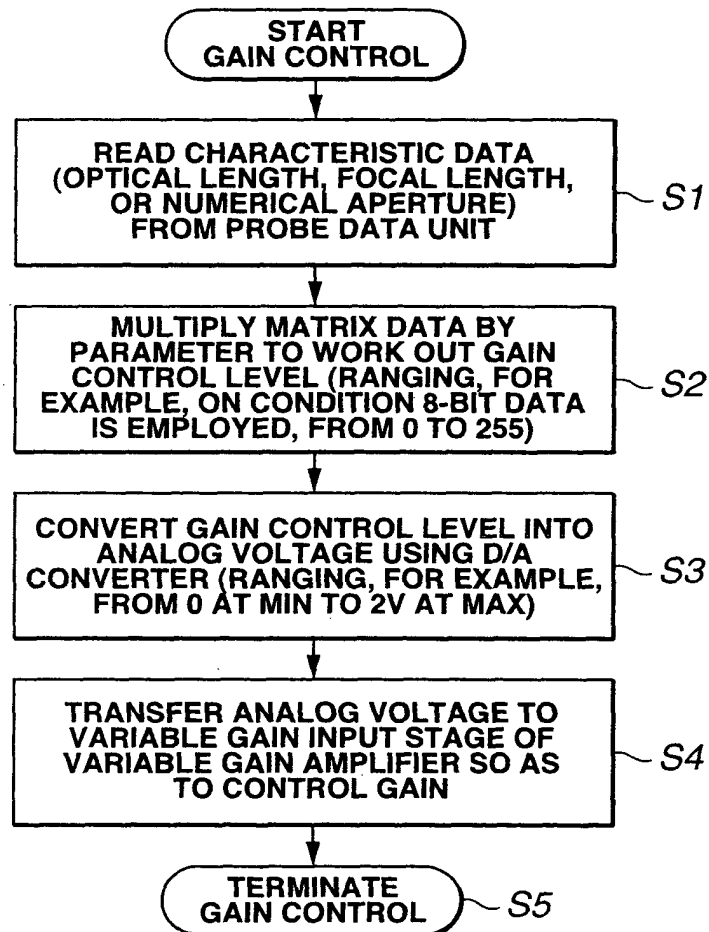


FIG. 52

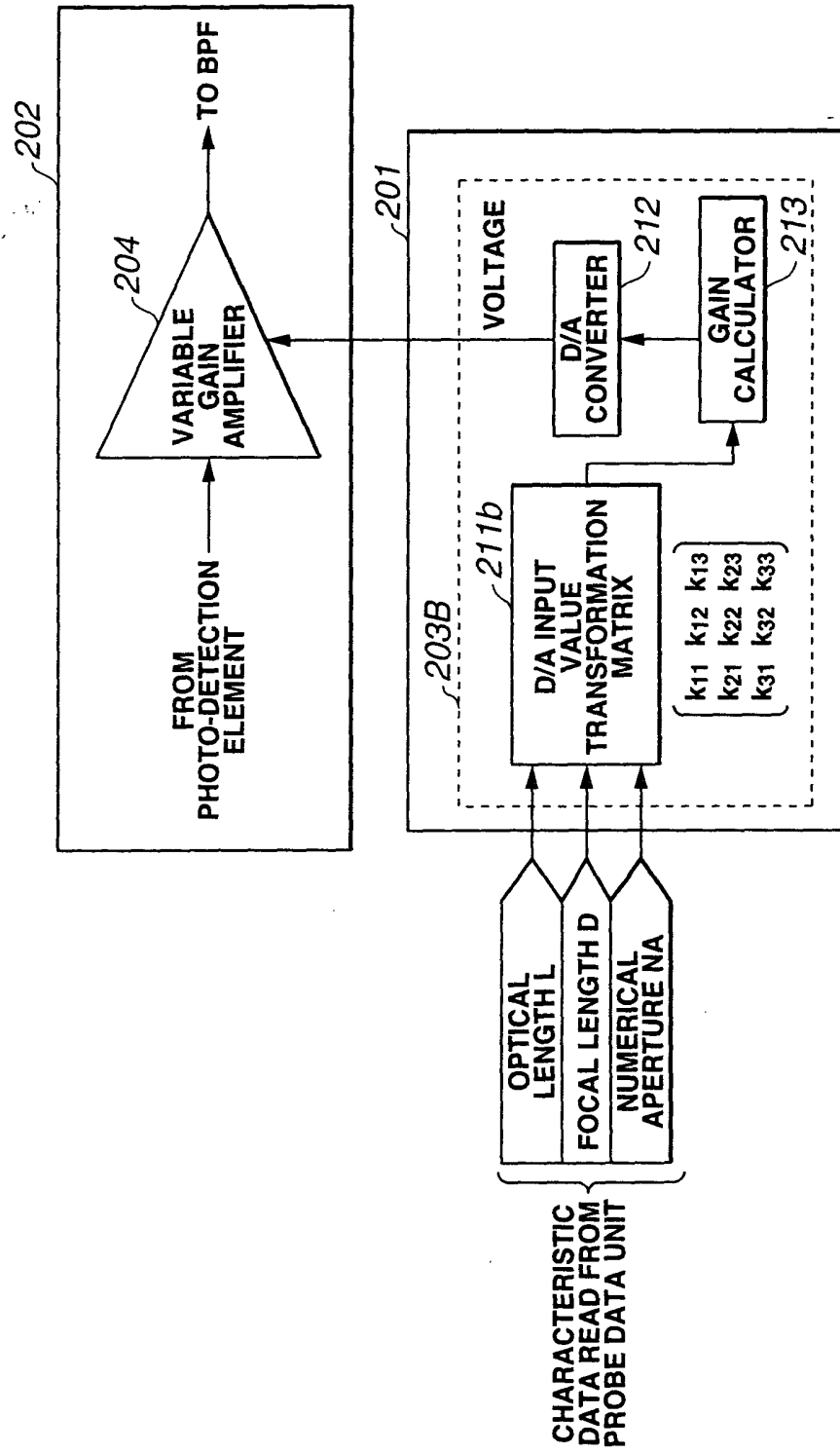


FIG.53A

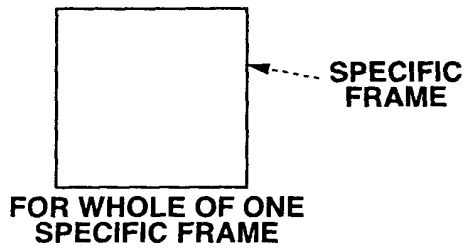


FIG.53B

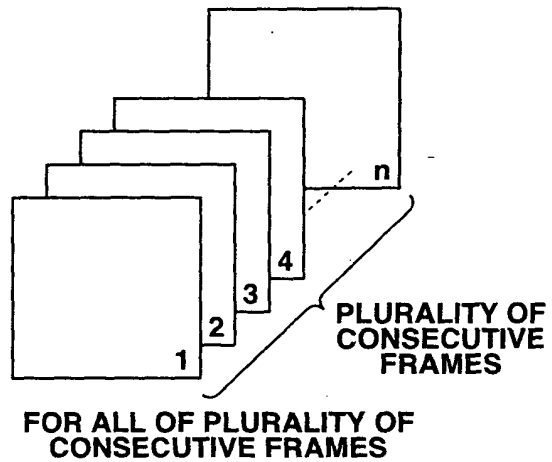


FIG.53C

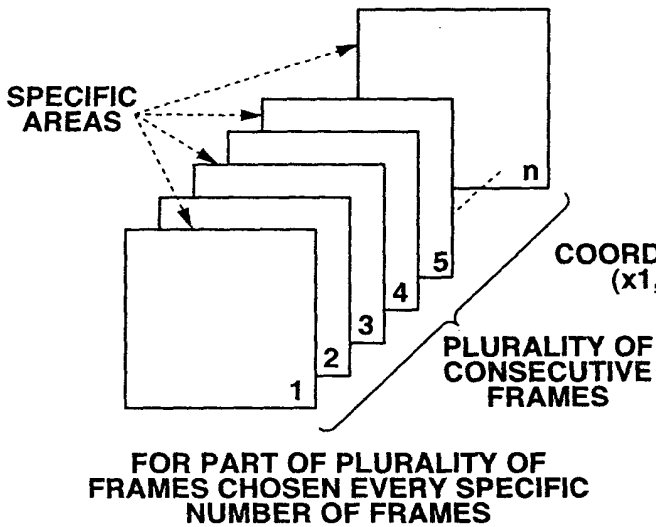


FIG.53D

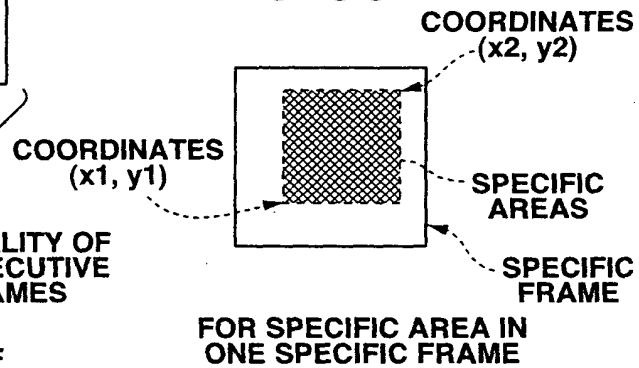


FIG.53E

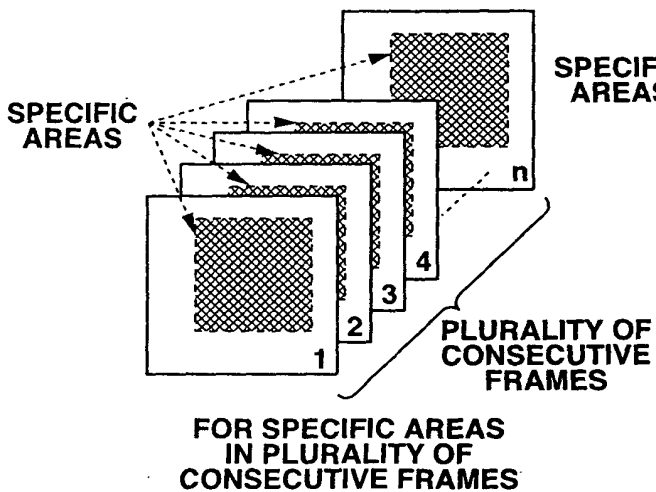


FIG.53F

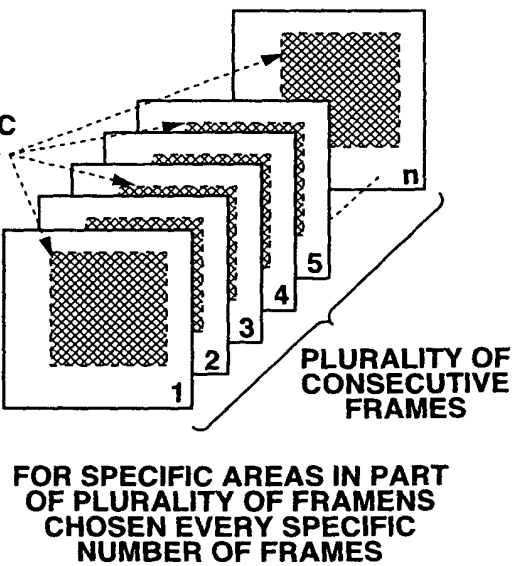


FIG.54

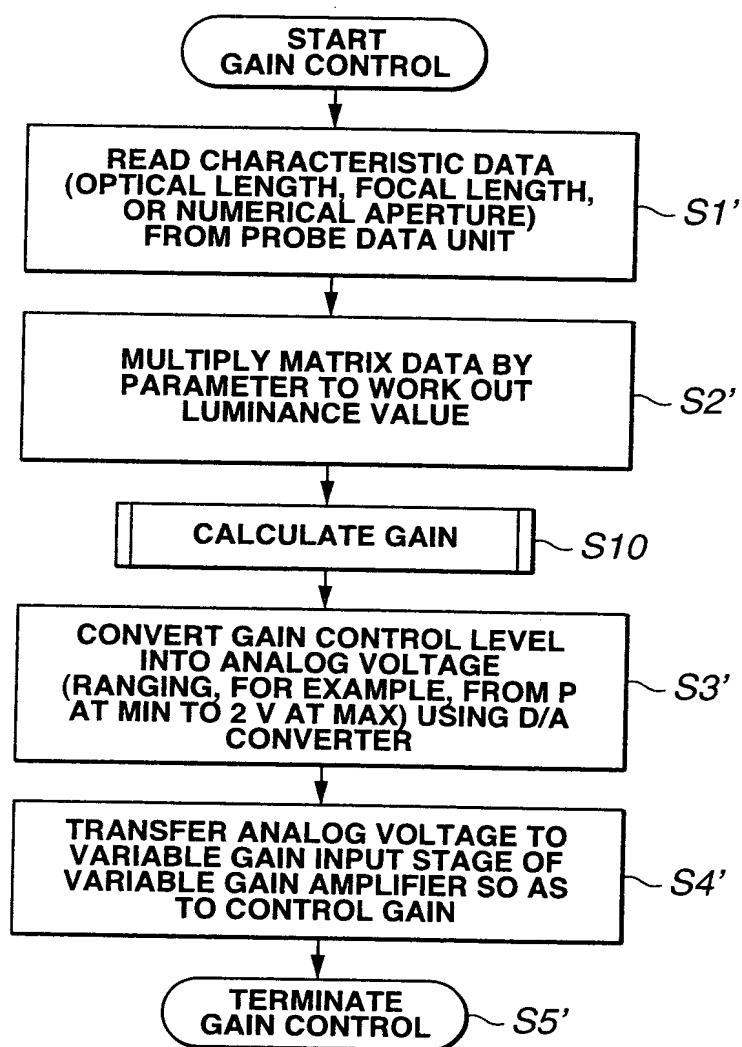


FIG.55

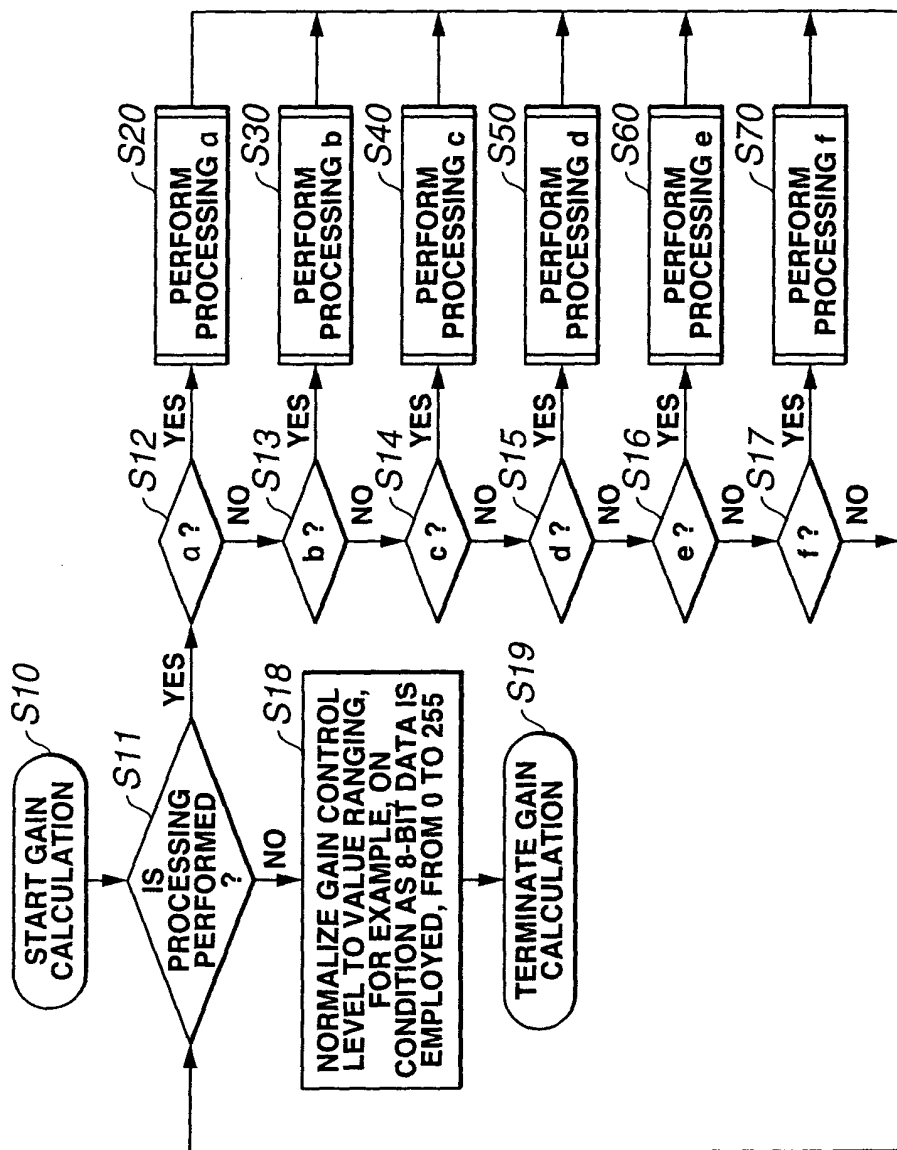


FIG.56

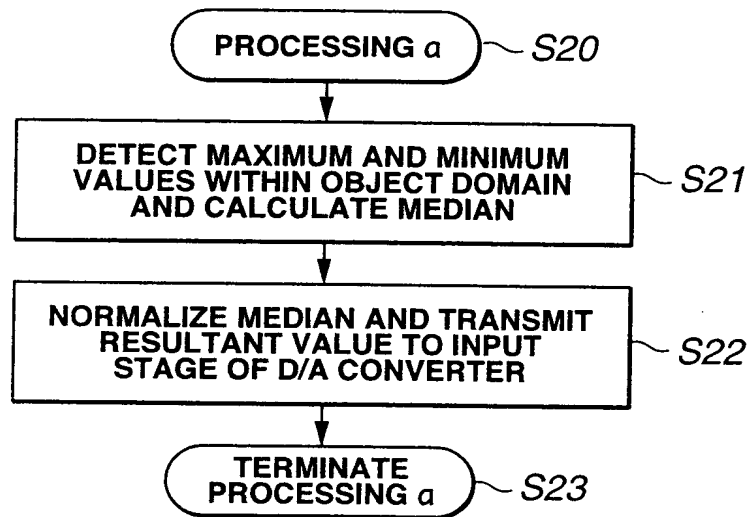


FIG.57

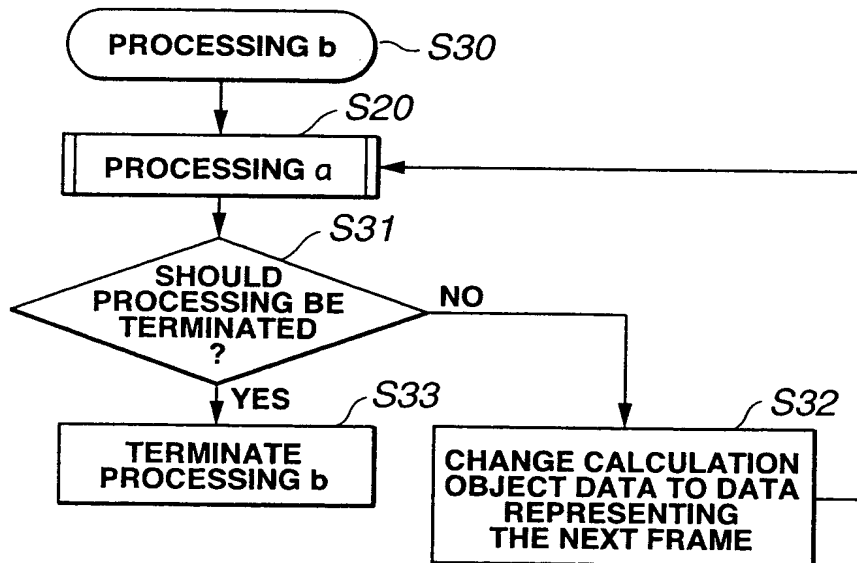


FIG.58

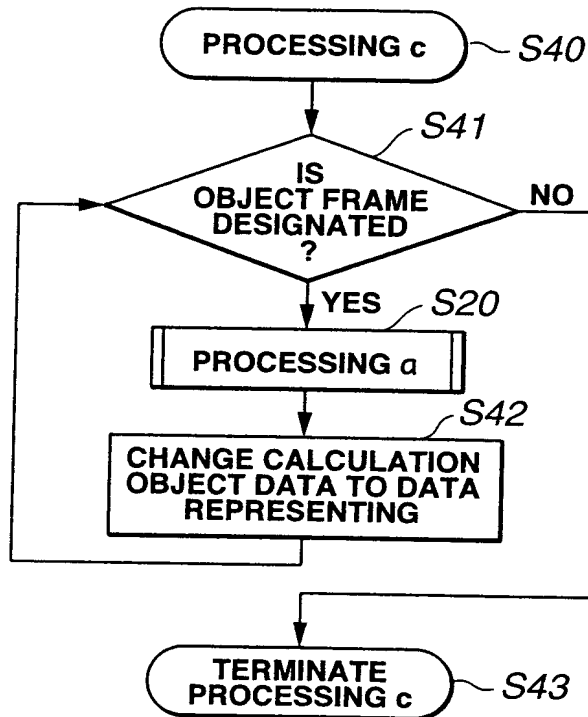


FIG.59

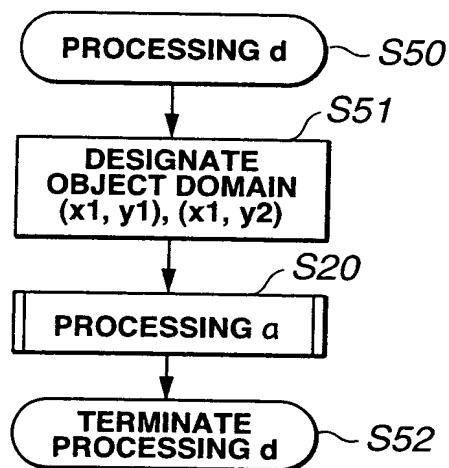


FIG.60

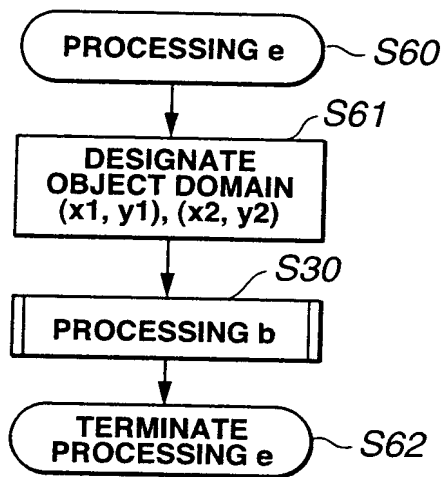


FIG.61

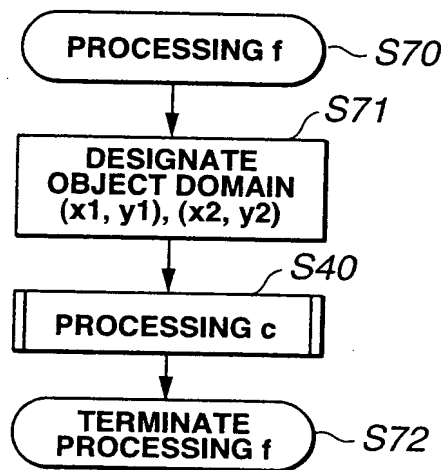


FIG. 62

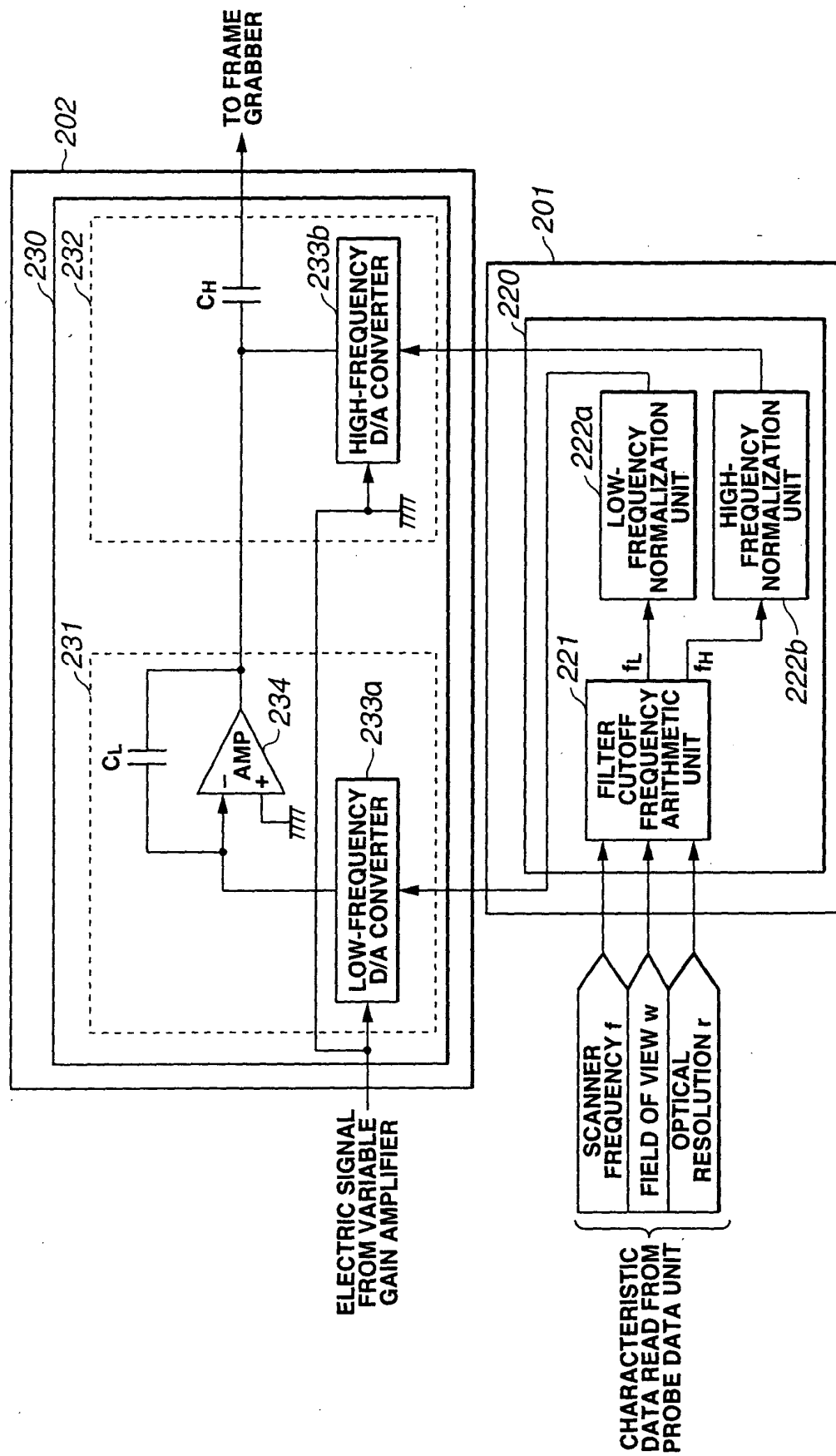


FIG.63

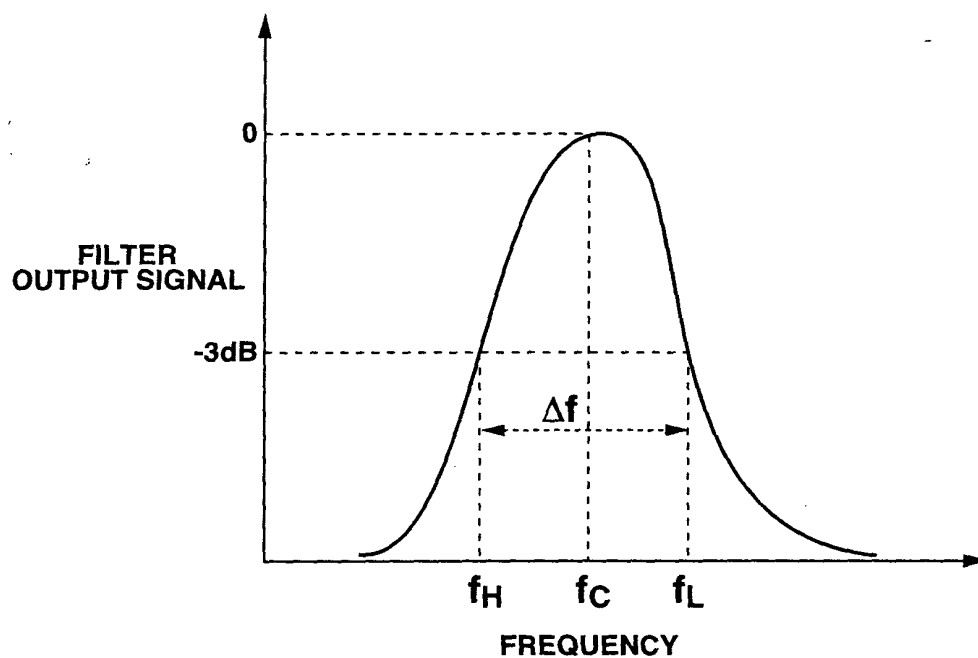


FIG.65

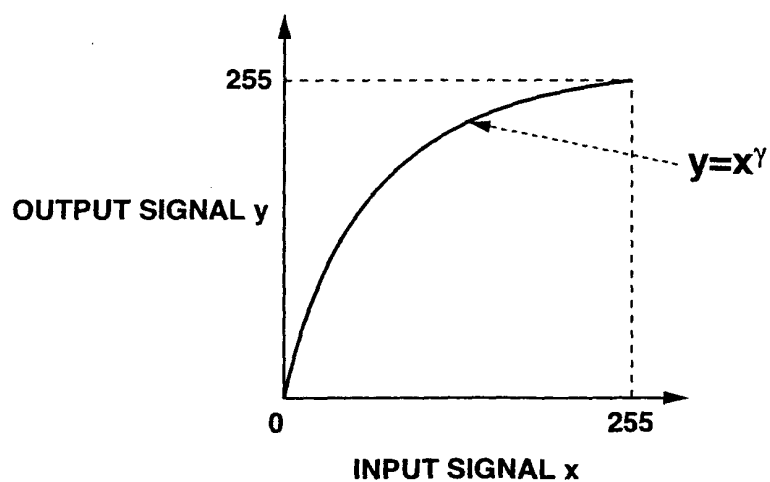


FIG.64

